

# Disio Display BACnet Object List - DX-50

Firmware: v1.6.14 Revision: E Version: 22

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - Analog Heat 0-10	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO2	Output 2 - Analog Heat 2-10	Volts DC	N/A	2 - 10 V	N/A	R/W	N
BO1	Output 4 - Stage 2 Heat	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 3 - Stage 1 Heat	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	22	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	50	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV12	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Stage 2 Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV19	Stage 2 Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV20	Stage 1 Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV21	Stage 1 Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV22	Analog Heat 0-10 Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV23	Analog Heat 0-10 Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV24	Analog Heat 0-10 Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV25	Analog Heat 0-10 Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV26	Analog Heat 2-10 Min V	Volts DC	2 V	0 - 10 V	N/A	R/W	Y

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-50

Firmware: v1.6.14 Revision: E Version: 22

AV27	Analog Heat 2-10 Max V	Volts DC	10 V	2 - 10 V	N/A	R/W	Y
AV28	Analog Heat 2-10 Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV29	Analog Heat 2-10 Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV30	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV31	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV32	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-100

Firmware: v1.6.14 Revision: F Version: 17

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 3 - Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 1 - Actuator Open	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 2 - Actuator Close	N/A	N/A	0 - 1	N/A	R/W	N
BO3	Output 4 - Binary Heat	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	17	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	100	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV12	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV19	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-100

Firmware: v1.6.14 Revision: F Version: 17

AV25	SAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV26	SAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV27	Actuator Target Temperature Delta	°F/°C	2 °F	0 - 20 °F	N/A	R/W	Y
AV28	Actuator Target Cool Min	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV29	Actuator Target Cool Max	Percent	100 %	0 - 100 %	N/A	R/W	Y
AV30	Actuator Target Heat Min	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV31	Actuator Target Heat Max	Percent	100 %	0 - 100 %	N/A	R/W	Y
AV32	Actuator Target Neutral	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV33	Actuator Target Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV34	Actuator Runtime	Seconds	90 sec	0 - 600 sec	N/A	R/W	Y
AV35	Actuator Calibration Time	Seconds	108 sec	0 - 600 sec	N/A	R/W	Y
AV36	Actuator Min On Time	Minutes	0 min	0 - 3600 min	N/A	R/W	Y
AV37	Actuator Min Off Time	Minutes	0 min	0 - 3600 min	N/A	R/W	Y
AV38	Actuator Target Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV39	Actuator Damper Position	Percent	N/A	0 - 100 %	N/A	R	N
AV40	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV41	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV42	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV43	Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV44	Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV45	Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV46	Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV47	Binary Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV48	Binary Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
MV1	Sequence Revision	N/A	6	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Actuator Target HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV3	Actuator Target Flow Units	N/A	2	2 States	0-Airflow, 1-Percent	R	Y
MV4	Actuator Calibration Direction	N/A	2	2 States	0-Open, 1-Close	R/W	Y
MV5	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y

# Disio Display BACnet Object List - DX-100

Firmware: v1.6.14 Revision: F Version: 17

MV6	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV7	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV8	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV9	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV10	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV11	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV12	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y
MV13	Device Mode	N/A	N/A	2 States	0-Standard, 1-Balancing	R/W	N

# Disio Display BACnet Object List - DX-101

Firmware: v1.6.14 Revision: F Version: 17

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 3 - Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 1 - Actuator Open	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 2 - Actuator Close	N/A	N/A	0 - 1	N/A	R/W	N
BO3	Output 4 - Binary Heat	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	17	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	101	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV12	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV19	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N

# Disio Display BACnet Object List - DX-101

Firmware: v1.6.14 Revision: F Version: 17

AV25	SAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV26	SAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV27	Actuator Target Temperature Delta	°F/°C	2 °F	0 - 20 °F	N/A	R/W	Y
AV28	Actuator Target Cool Min	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV29	Actuator Target Cool Max	Percent	100 %	0 - 100 %	N/A	R/W	Y
AV30	Actuator Target Heat Min	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV31	Actuator Target Heat Max	Percent	100 %	0 - 100 %	N/A	R/W	Y
AV32	Actuator Target Neutral	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV33	Actuator Target Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV34	Actuator Runtime	Seconds	90 sec	0 - 600 sec	N/A	R/W	Y
AV35	Actuator Calibration Time	Seconds	108 sec	0 - 600 sec	N/A	R/W	Y
AV36	Actuator Min On Time	Minutes	0 min	0 - 3600 min	N/A	R/W	Y
AV37	Actuator Min Off Time	Minutes	0 min	0 - 3600 min	N/A	R/W	Y
AV38	Actuator Target Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV39	Actuator Damper Position	Percent	N/A	0 - 100 %	N/A	R	N
AV40	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV41	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV42	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV43	Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV44	Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV45	Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV46	Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV47	Binary Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV48	Binary Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
MV1	Sequence Revision	N/A	6	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Actuator Target HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV3	Actuator Target Flow Units	N/A	2	2 States	0-Airflow, 1-Percent	R	Y
MV4	Actuator Calibration Direction	N/A	2	2 States	0-Open, 1-Close	R/W	Y
MV5	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y

# Disio Display BACnet Object List - DX-101

Firmware: v1.6.14 Revision: F Version: 17

MV6	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV7	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV8	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV9	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV10	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV11	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV12	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y
MV13	Device Mode	N/A	N/A	2 States	0-Standard, 1-Balancing	R/W	N

# Disio Display BACnet Object List - DX-150



Firmware: v1.6.14 Revision: A Version: 19

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Analog Input 2	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AI2	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 3 - Analog Reheat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 1 - Binary Actuator Open	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 2 - Binary Actuator Close	N/A	N/A	0 - 1	N/A	R/W	N
BO3	Output 4 - Binary Reheat	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	19	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	150	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Analog Input 2 Calibration Offset	Volts DC	0 V	-10 - 10 V	N/A	R/W	Y
AV7	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV9	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV10	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV11	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV12	CFM K Factor	N/A	890	100 - 10000	N/A	R/W	Y
AV13	Airflow Scale	N/A	1	0 - 2	N/A	R/W	Y
AV14	Airflow Offset	CFM/LPS/CMH	0 CFM	-100 - 100 CFM	N/A	R/W	Y
AV15	Airflow	CFM/LPS/CMH	N/A	-1 - 8400 CFM	N/A	R/W	N
AV16	SAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV17	SAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV18	Neutral Min Offset	°F/°C	-2 °F	-20 - 20 °F	N/A	R/W	Y
AV19	Neutral Max Offset	°F/°C	2 °F	-20 - 20 °F	N/A	R/W	Y
AV20	Cold Differential Offset	°F/°C	2 °F	-20 - 20 °F	N/A	R/W	Y
AV21	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV22	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV23	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-150

Firmware: v1.6.14 Revision: A Version: 19

AV24	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV25	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV26	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV27	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV28	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV29	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV30	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV31	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV32	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV33	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV34	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV35	Airflow Target Temperature Delta	°F/°C	2 °F	0 - 20 °F	N/A	R/W	Y
AV36	Airflow Target Cool Min	CFM/LPS/CMH	132 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV37	Airflow Target Cool Max	CFM/LPS/CMH	800 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV38	Airflow Target Heat Min	CFM/LPS/CMH	132 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV39	Airflow Target Heat Max	CFM/LPS/CMH	800 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV40	Airflow Target Neutral	CFM/LPS/CMH	132 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV41	Airflow Target Output Value	CFM/LPS/CMH	N/A	0 - 8388607 CFM	N/A	R/W	N
AV42	Airflow Control Hold Time	Seconds	10 sec	0 - 600 sec	N/A	R/W	Y
AV43	Airflow Control Min Step	Percent	1 %	0 - 100 %	N/A	R/W	Y
AV44	Airflow Control Max Step	Percent	4 %	0 - 100 %	N/A	R/W	Y
AV45	Airflow Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV46	Airflow Control Dead Band	CFM/LPS/CMH	5 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV47	Airflow Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV48	Airflow Control Unoccupied Dead Band	CFM/LPS/CMH	50 CFM	0 - 8388607 CFM	N/A	R/W	Y
AV49	Airflow Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV50	Pres Dep Temperature Delta	°F/°C	2 °F	0 - 20 °F	N/A	R/W	Y
AV51	Pres Dep Cool Min	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV52	Pres Dep Cool Max	Percent	100 %	0 - 100 %	N/A	R/W	Y

# Disio Display BACnet Object List - DX-150



Firmware: v1.6.14 Revision: A Version: 19

AV53	Pres Dep Heat Min	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV54	Pres Dep Heat Max	Percent	100 %	0 - 100 %	N/A	R/W	Y
AV55	Pres Dep Neutral	Percent	10 %	0 - 100 %	N/A	R/W	Y
AV56	Pres Dep Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV57	Binary Actuator Runtime	Seconds	90 sec	0 - 600 sec	N/A	R/W	Y
AV58	Binary Actuator Calibration Time	Seconds	108 sec	0 - 600 sec	N/A	R/W	Y
AV59	Binary Actuator Min On Time	Minutes	0 min	0 - 3600 min	N/A	R/W	Y
AV60	Binary Actuator Min Off Time	Minutes	0 min	0 - 3600 min	N/A	R/W	Y
AV61	Binary Actuator Target Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV62	Binary Actuator Damper Position	Percent	N/A	0 - 100 %	N/A	R	N
AV63	Analog Reheat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV64	Analog Reheat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV65	Analog Reheat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV66	Analog Reheat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV67	Binary Reheat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV68	Binary Reheat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV69	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV70	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV71	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	CFM Duct Inlet Size	N/A	5	16 States	0-4, 1-5, 2-6, 3-7, 4-8, 5-9, 6-10, 7-12, 8-14, 9-16, 10-24x16, 11-9 lp, 12-10 lp, 13-12 lp, 14-14 lp, 15-16 lp	R/W	Y
MV3	Airflow Target HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV4	Airflow Target Flow Units	N/A	1	2 States	0-Airflow, 1-Percent	R	Y
MV5	Pres Dep HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV6	Pres Dep Flow Units	N/A	2	2 States	0-Airflow, 1-Percent	R	Y
MV7	Binary Actuator Calibration Direction	N/A	2	2 States	0-Open, 1-Close	R/W	Y

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-150



Firmware: v1.6.14 Revision: A Version: 19

MV8	Calibrating Sensor	N/A	N/A	3 States	0-Not Calibrating, 1-Input 2, 2-Clear Calibration	R/W	N
MV9	Calibrated Sensors	N/A	16	16 States	0-1, 1-2, 2-3, 3-4, 4-1&2, 5-1&3, 6-1&4, 7-1&2&3, 8-1&2&4, 9-1&3&4, 10-All, 11-2&3, 12-2&4, 13-2&3&4, 14-3&4, 15-No	R	Y
MV10	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV11	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV12	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV13	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV14	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV15	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV16	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV17	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y
MV18	Device Mode	N/A	N/A	2 States	0-Standard, 1-Balancing	R/W	N

# Disio Display BACnet Object List - DX-200

Firmware: v1.6.14 Revision: A Version: 5

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
BO1	DWA Output 1 Value	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	5	0 - 8388607	N/A	R	Y
AV3	Setpoint	°F/°C	72 °F	68 - 76 °F	N/A	R/W	Y
AV4	Setpoint Min	°F/°C	68 °F	32 - 76 °F	N/A	R/W	Y
AV5	Setpoint Max	°F/°C	76 °F	68 - 300 °F	N/A	R/W	Y
AV6	DWA Control Min Temperature	°F/°C	68 °F	32 - 300 °F	N/A	R/W	Y
AV7	DWA Control Max Temperature	°F/°C	76 °F	32 - 300 °F	N/A	R/W	Y
AV8	DWA Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV9	DWA Control Service Time	Seconds	N/A	0 - 600 sec	N/A	R/W	N
AV10	DWA Min Duty	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV11	DWA Max Duty	Percent	50 %	0 - 100 %	N/A	R/W	Y
AV12	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV13	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y

# Disio Display BACnet Object List - DX-201

Firmware: v1.6.14 Revision: A Version: 5

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
BO1	DWA Output 1 Value	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	5	0 - 8388607	N/A	R	Y
AV3	Setpoint	°F/°C	72 °F	68 - 76 °F	N/A	R/W	Y
AV4	Setpoint Min	°F/°C	68 °F	32 - 76 °F	N/A	R/W	Y
AV5	Setpoint Max	°F/°C	76 °F	68 - 300 °F	N/A	R/W	Y
AV6	DWA Control Min Temperature	°F/°C	68 °F	32 - 300 °F	N/A	R/W	Y
AV7	DWA Control Max Temperature	°F/°C	76 °F	32 - 300 °F	N/A	R/W	Y
AV8	DWA Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV9	DWA Control Service Time	Seconds	N/A	0 - 600 sec	N/A	R/W	N
AV10	DWA Min Duty	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV11	DWA Max Duty	Percent	70 %	0 - 100 %	N/A	R/W	Y
AV12	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV13	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y

# Disio Display BACnet Object List - DX-300

Firmware: v1.6.14 Revision: E Version: 16

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AI2	Thermistive Input 2	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Analog Fan	Volts DC	N/A	2.1 - 8 V	N/A	R/W	N
BO1	Output 2 - DAT Valve	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 4 - Binary Fan	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	16	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	300	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Deadband Fan Output	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV10	Cold Water	°F/°C	60 °F	50 - 70 °F	N/A	R/W	Y
AV11	Hot Water	°F/°C	90 °F	75 - 110 °F	N/A	R/W	Y
AV12	Deadband Value	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV13	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV14	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV15	Water Pipe Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV16	Water Pipe Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV17	DAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV18	DAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV19	Cold Delta Offset	°F/°C	2 °F	-20 - 20 °F	N/A	R/W	Y
AV20	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV21	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV22	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV23	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV24	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV25	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y

# Disio Display BACnet Object List - DX-300

Firmware: v1.6.14 Revision: E Version: 16

AV26	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV27	Hot Delta Offset	°F/°C	-2 °F	-20 - 20 °F	N/A	R/W	Y
AV28	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV29	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV30	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV31	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV32	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV33	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV34	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV35	Fan Temperature Delta	°F/°C	2 °F	1 - 20 °F	N/A	R/W	Y
AV36	Analog Fan Min V	Volts DC	2.1 V	0 - 8 V	N/A	R/W	Y
AV37	Analog Fan Max V	Volts DC	8 V	2.1 - 10 V	N/A	R/W	Y
AV38	Analog Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV39	Analog Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV40	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV41	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV42	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV43	Water Peek Interval	Minutes	600 min	0 - 70560 min	N/A	R/W	Y
AV44	Water Peek Duration	Minutes	5 min	0 - 60 min	N/A	R/W	Y
AV45	Water Peek Output	Percent	60 %	0 - 100 %	N/A	R/W	Y
AV46	DAT Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV47	DAT Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV48	Binary Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV49	Binary Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Fan HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV3	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV4	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV5	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y

# Disio Display BACnet Object List - DX-300

Firmware: v1.6.14 Revision: E Version: 16

MV6	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV7	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV8	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV9	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV10	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y
MV11	Water HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV12	Water Force Peek	N/A	N/A	2 States	0-False, 1-True	R/W	N

# Disio Display BACnet Object List - DX-301

Firmware: v1.6.14 Revision: E Version: 14

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AI2	Thermistive Input 2	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Analog Fan	Volts DC	N/A	2.1 - 8 V	N/A	R/W	N
AO2	Output 2 - DAT Valve	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 4 - Binary Fan	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	14	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	301	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Deadband Fan Output	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV10	Deadband Value	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV11	DAT Cold Setpoint	°F/°C	55 °F	50 - 65 °F	N/A	R/W	Y
AV12	DAT Cold Setpoint Min	°F/°C	50 °F	32 - 65 °F	N/A	R/W	Y
AV13	DAT Cold Setpoint Max	°F/°C	65 °F	50 - 300 °F	N/A	R/W	Y
AV14	DAT Hot Setpoint	°F/°C	90 °F	75 - 110 °F	N/A	R/W	Y
AV15	DAT Hot Setpoint Min	°F/°C	75 °F	32 - 110 °F	N/A	R/W	Y
AV16	DAT Hot Setpoint Max	°F/°C	110 °F	75 - 300 °F	N/A	R/W	Y
AV17	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV18	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV19	Water Pipe Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV20	Water Pipe Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV21	DAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV22	DAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV23	Cold Delta Offset	°F/°C	2 °F	-20 - 20 °F	N/A	R/W	Y
AV24	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV25	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y

# Disio Display BACnet Object List - DX-301



Firmware: v1.6.14 Revision: E Version: 14

AV26	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV27	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV28	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV29	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV30	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV31	Hot Delta Offset	°F/°C	-2 °F	-20 - 20 °F	N/A	R/W	Y
AV32	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV33	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV34	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV35	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV36	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV37	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV38	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV39	Fan Temperature Delta	°F/°C	2 °F	1 - 20 °F	N/A	R/W	Y
AV40	Analog Fan Min V	Volts DC	2.1 V	0 - 8 V	N/A	R/W	Y
AV41	Analog Fan Max V	Volts DC	8 V	2.1 - 10 V	N/A	R/W	Y
AV42	Analog Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV43	Analog Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV44	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV45	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV46	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV47	Binary Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV48	Binary Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV49	DAT Cooling Control Hold Time	Seconds	120 sec	0 - 600 sec	N/A	R/W	Y
AV50	DAT Cooling Control Min Step	Percent	2 %	0 - 100 %	N/A	R/W	Y
AV51	DAT Cooling Control Max Step	Percent	7 %	0 - 100 %	N/A	R/W	Y
AV52	DAT Cooling Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV53	DAT Cooling Control Dead Band	°F/°C	2 °F	0 - 8388607 °F	N/A	R/W	Y

# Disio Display BACnet Object List - DX-301

Firmware: v1.6.14 Revision: E Version: 14

AV54	DAT Cooling Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV55	DAT Cooling Control Unoccupied Dead Band	°F/°C	20 °F	0 - 8388607 °F	N/A	R/W	Y
AV56	DAT Cooling Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV57	DAT Heating Control Hold Time	Seconds	120 sec	0 - 600 sec	N/A	R/W	Y
AV58	DAT Heating Control Min Step	Percent	2 %	0 - 100 %	N/A	R/W	Y
AV59	DAT Heating Control Max Step	Percent	7 %	0 - 100 %	N/A	R/W	Y
AV60	DAT Heating Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV61	DAT Heating Control Dead Band	°F/°C	2 °F	0 - 8388607 °F	N/A	R/W	Y
AV62	DAT Heating Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV63	DAT Heating Control Unoccupied Dead Band	°F/°C	20 °F	0 - 8388607 °F	N/A	R/W	Y
AV64	DAT Heating Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV65	Valve Peek Interval	Minutes	600 min	0 - 70560 min	N/A	R/W	Y
AV66	Valve Peek Duration	Minutes	5 min	0 - 60 min	N/A	R/W	Y
AV67	Valve Peek Output	Percent	60 %	0 - 100 %	N/A	R/W	Y
AV68	DAT Valve Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV69	DAT Valve Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV70	DAT Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV71	DAT Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Fan HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV3	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV4	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y

# Disio Display BACnet Object List - DX-301

Firmware: v1.6.14 Revision: E Version: 14

MV5	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV6	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV7	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV8	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV9	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV10	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y
MV11	Valve HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV12	Valve Force Peek	N/A	N/A	2 States	0-False, 1-True	R/W	N

# Disio Display BACnet Object List - DX-302

Firmware: v1.6.14 Revision: E Version: 12

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Analog Fan	Volts DC	N/A	2.1 - 8 V	N/A	R/W	N
BO1	Output 4 - Binary Fan	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 2 - Cooling Valve	N/A	N/A	0 - 1	N/A	R/W	N
BO3	Output 3 - Heating Valve	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	12	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	302	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV12	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV19	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-302

Firmware: v1.6.14 Revision: E Version: 12

AV25	Binary Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV26	Binary Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV27	DAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV28	DAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV29	Analog Fan Min V	Volts DC	2.1 V	0 - 8 V	N/A	R/W	Y
AV30	Analog Fan Max V	Volts DC	8 V	2.1 - 10 V	N/A	R/W	Y
AV31	Analog Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	Analog Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV33	Cooling Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV34	Cooling Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	Heating Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	Heating Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV37	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV38	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV39	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-303

Firmware: v1.6.14 Revision: E Version: 13

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Analog Fan	Volts DC	N/A	2.1 - 8 V	N/A	R/W	N
AO2	Output 3 - Cooling Valve	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 4 - Binary Fan	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 2 - Heating Valve	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	13	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	303	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	DAT Cold Setpoint	°F/°C	55 °F	50 - 65 °F	N/A	R/W	Y
AV10	DAT Cold Setpoint Min	°F/°C	50 °F	32 - 65 °F	N/A	R/W	Y
AV11	DAT Cold Setpoint Max	°F/°C	65 °F	50 - 300 °F	N/A	R/W	Y
AV12	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV13	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV14	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV15	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV16	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV17	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV18	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV19	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV20	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV21	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV22	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV23	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV24	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y

# Disio Display BACnet Object List - DX-303

Firmware: v1.6.14 Revision: E Version: 13

AV25	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV26	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV27	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV28	Binary Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV29	Binary Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV30	DAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV31	DAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV32	Analog Fan Min V	Volts DC	2.1 V	0 - 8 V	N/A	R/W	Y
AV33	Analog Fan Max V	Volts DC	8 V	2.1 - 10 V	N/A	R/W	Y
AV34	Analog Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	Analog Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	DAT Cooling Control Hold Time	Seconds	120 sec	0 - 600 sec	N/A	R/W	Y
AV37	DAT Cooling Control Min Step	Percent	2 %	0 - 100 %	N/A	R/W	Y
AV38	DAT Cooling Control Max Step	Percent	7 %	0 - 100 %	N/A	R/W	Y
AV39	DAT Cooling Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV40	DAT Cooling Control Dead Band	°F/°C	2 °F	0 - 8388607 °F	N/A	R/W	Y
AV41	DAT Cooling Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV42	DAT Cooling Control Unoccupied Dead Band	°F/°C	20 °F	0 - 8388607 °F	N/A	R/W	Y
AV43	DAT Cooling Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV44	Cooling Valve Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV45	Cooling Valve Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV46	Cooling Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV47	Cooling Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV48	Heating Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV49	Heating Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV50	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV51	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV52	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N

# Disio Display BACnet Object List - DX-303

Firmware: v1.6.14 Revision: E Version: 13

MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-304



Firmware: v1.6.14 Revision: E Version: 13

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Analog Fan	Volts DC	N/A	2.1 - 8 V	N/A	R/W	N
AO2	Output 3 - Cooling Valve	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO3	Output 2 - Heating Valve	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 4 - Binary Fan	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	13	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	304	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	DAT Cold Setpoint	°F/°C	55 °F	50 - 65 °F	N/A	R/W	Y
AV10	DAT Cold Setpoint Min	°F/°C	50 °F	32 - 65 °F	N/A	R/W	Y
AV11	DAT Cold Setpoint Max	°F/°C	65 °F	50 - 300 °F	N/A	R/W	Y
AV12	DAT Heat Setpoint	°F/°C	90 °F	75 - 110 °F	N/A	R/W	Y
AV13	DAT Heat Setpoint Min	°F/°C	75 °F	32 - 110 °F	N/A	R/W	Y
AV14	DAT Heat Setpoint Max	°F/°C	110 °F	75 - 300 °F	N/A	R/W	Y
AV15	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV16	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV17	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV18	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV19	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV20	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV21	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV22	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV23	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV24	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV25	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-304

Firmware: v1.6.14 Revision: E Version: 13

AV26	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV27	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV28	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV29	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV30	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV31	Binary Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	Binary Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV33	DAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV34	DAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV35	Analog Fan Min V	Volts DC	2.1 V	0 - 8 V	N/A	R/W	Y
AV36	Analog Fan Max V	Volts DC	8 V	2.1 - 10 V	N/A	R/W	Y
AV37	Analog Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV38	Analog Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV39	DAT Cooling Control Hold Time	Seconds	120 sec	0 - 600 sec	N/A	R/W	Y
AV40	DAT Cooling Control Min Step	Percent	2 %	0 - 100 %	N/A	R/W	Y
AV41	DAT Cooling Control Max Step	Percent	7 %	0 - 100 %	N/A	R/W	Y
AV42	DAT Cooling Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV43	DAT Cooling Control Dead Band	°F/°C	2 °F	0 - 8388607 °F	N/A	R/W	Y
AV44	DAT Cooling Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV45	DAT Cooling Control Unoccupied Dead Band	°F/°C	20 °F	0 - 8388607 °F	N/A	R/W	Y
AV46	DAT Cooling Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV47	Cooling Valve Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV48	Cooling Valve Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV49	Cooling Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV50	Cooling Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV51	DAT Heating Control Hold Time	Seconds	120 sec	0 - 600 sec	N/A	R/W	Y
AV52	DAT Heating Control Min Step	Percent	2 %	0 - 100 %	N/A	R/W	Y
AV53	DAT Heating Control Max Step	Percent	7 %	0 - 100 %	N/A	R/W	Y

# Disio Display BACnet Object List - DX-304

Firmware: v1.6.14 Revision: E Version: 13

AV54	DAT Heating Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV55	DAT Heating Control Dead Band	°F/°C	2 °F	0 - 8388607 °F	N/A	R/W	Y
AV56	DAT Heating Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV57	DAT Heating Control Unoccupied Dead Band	°F/°C	20 °F	0 - 8388607 °F	N/A	R/W	Y
AV58	DAT Heating Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV59	Heating Valve Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV60	Heating Valve Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV61	Heating Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV62	Heating Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV63	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV64	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV65	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-305

Firmware: v1.6.14 Revision: E Version: 13

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Analog Fan	Volts DC	N/A	2.1 - 8 V	N/A	R/W	N
AO2	Output 2 - Heating Valve	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 4 - Binary Fan	N/A	N/A	0 - 1	N/A	R/W	N
BO2	Output 3 - Cooling Valve	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	13	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	305	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	DAT Heat Setpoint	°F/°C	90 °F	75 - 110 °F	N/A	R/W	Y
AV10	DAT Heat Setpoint Min	°F/°C	75 °F	32 - 110 °F	N/A	R/W	Y
AV11	DAT Heat Setpoint Max	°F/°C	110 °F	75 - 300 °F	N/A	R/W	Y
AV12	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV13	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV14	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV15	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV16	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV17	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV18	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV19	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV20	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV21	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV22	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV23	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV24	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y

# Disio Display BACnet Object List - DX-305

Firmware: v1.6.14 Revision: E Version: 13

AV25	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV26	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV27	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV28	Binary Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV29	Binary Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV30	DAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV31	DAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV32	Analog Fan Min V	Volts DC	2.1 V	0 - 8 V	N/A	R/W	Y
AV33	Analog Fan Max V	Volts DC	8 V	2.1 - 10 V	N/A	R/W	Y
AV34	Analog Fan Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	Analog Fan Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	DAT Heating Control Hold Time	Seconds	120 sec	0 - 600 sec	N/A	R/W	Y
AV37	DAT Heating Control Min Step	Percent	2 %	0 - 100 %	N/A	R/W	Y
AV38	DAT Heating Control Max Step	Percent	7 %	0 - 100 %	N/A	R/W	Y
AV39	DAT Heating Control Percent Dead Band	Percent	3 %	0 - 100 %	N/A	R/W	Y
AV40	DAT Heating Control Dead Band	°F/°C	2 °F	0 - 8388607 °F	N/A	R/W	Y
AV41	DAT Heating Control Unoccupied Percent Dead Band	Percent	30 %	0 - 100 %	N/A	R/W	Y
AV42	DAT Heating Control Unoccupied Dead Band	°F/°C	20 °F	0 - 8388607 °F	N/A	R/W	Y
AV43	DAT Heating Control Output Value	Percent	N/A	0 - 100 %	N/A	R/W	N
AV44	Heating Valve Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV45	Heating Valve Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV46	Heating Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV47	Heating Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV48	Cooling Valve Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV49	Cooling Valve Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV50	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV51	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV52	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N

# Disio Display BACnet Object List - DX-305



Firmware: v1.6.14 Revision: E Version: 13

MV1	Sequence Revision	N/A	5	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-420



Firmware: 1.6.14 Revision: B Version: 12

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO2	Output 2 - OP 2 Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO3	Output 3 - OP 3 Analog Heat and Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	12	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	420	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cool Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Cool Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cool Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cool Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cool Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cool Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cool Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heat Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Heat Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heat Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heat Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heat Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heat Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heat Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-420



Firmware: 1.6.14 Revision: B Version: 12

AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	OP 2 Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV33	OP 2 Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV34	OP 2 Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	OP 2 Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	OP 3 Analog Heat and Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV37	OP 3 Analog Heat and Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV38	OP 3 Analog Heat and Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV39	OP 3 Analog Heat and Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV40	Heating and Cooling Dampers Pos	Percent	N/A	0 - 100 %	N/A	R	N
AV41	Heating Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV42	Cooling Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV43	Co2 Offset	PPM	0 PPM	-8388607 - 8388607 PPM	N/A	R/W	Y
AV44	CO2	PPM	N/A	-8388607 - 8388607 PPM	N/A	R/W	N
AV45	Humidity Offset	Percent	0 %	-8388607 - 8388607 %	N/A	R/W	Y
AV46	Relative Humidity	Percent	N/A	-8388607 - 8388607 %	N/A	R/W	N
MV1	Sequence Revision	N/A	2	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-420



Firmware: 1.6.14 Revision: B Version: 12

MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-421

Firmware: 1.6.14 Revision: B Version: 4

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	4	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	421	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Space Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Space Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Space Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Space Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Space Cool Load Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Space Cool Load Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Space Cool Load Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Space Cool Load Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Space Cool Load Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Space Cool Load Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Space Cool Load Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Space Heat Load Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Space Heat Load Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Space Heat Load Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Space Heat Load Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Space Heat Load Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Space Heat Load Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Space Heat Load Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y

# Disio Display BACnet Object List - DX-421

Firmware: 1.6.14 Revision: B Version: 4

AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
MV1	Sequence Revision	N/A	2	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-422

Firmware: 1.6.14 Revision: B Version: 4

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO2	Output 2 - OP 2 Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	4	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	422	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Space Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Space Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Space Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Space Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Space Cool Load Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Space Cool Load Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Space Cool Load Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Space Cool Load Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Space Cool Load Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Space Cool Load Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Space Cool Load Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Space Heat Load Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Space Heat Load Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Space Heat Load Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Space Heat Load Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Space Heat Load Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Space Heat Load Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Space Heat Load Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y

# Disio Display BACnet Object List - DX-422

Firmware: 1.6.14 Revision: B Version: 4

AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	OP 2 Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV33	OP 2 Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV34	OP 2 Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	OP 2 Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
MV1	Sequence Revision	N/A	2	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-430



Firmware: 1.6.14 Revision: A Version: 1

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO2	Output 2 - OP 2 Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO3	Output 3 - OP 3 Analog Heat and Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	1	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	430	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cool Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Cool Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cool Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cool Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cool Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cool Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cool Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heat Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Heat Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heat Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heat Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heat Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heat Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heat Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-430



Firmware: 1.6.14 Revision: A Version: 1

AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	OP 2 Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV33	OP 2 Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV34	OP 2 Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	OP 2 Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	OP 3 Analog Heat and Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV37	OP 3 Analog Heat and Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV38	OP 3 Analog Heat and Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV39	OP 3 Analog Heat and Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV40	Heating and Cooling Dampers Pos	Percent	N/A	0 - 100 %	N/A	R	N
AV41	Heating Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV42	Cooling Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV43	Co2 Offset	PPM	0 PPM	-8388607 - 8388607 PPM	N/A	R/W	Y
AV44	CO2	PPM	N/A	-8388607 - 8388607 PPM	N/A	R/W	N
AV45	Humidity Offset	Percent	0 %	-8388607 - 8388607 %	N/A	R/W	Y
AV46	Relative Humidity	Percent	N/A	-8388607 - 8388607 %	N/A	R/W	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-430



Firmware: 1.6.14 Revision: A Version: 1

MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-431

Firmware: 1.6.14 Revision: A Version: 1

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	1	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	431	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cool Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Cool Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cool Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cool Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cool Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cool Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cool Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heat Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Heat Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heat Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heat Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heat Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heat Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heat Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y

# Disio Display BACnet Object List - DX-431

Firmware: 1.6.14 Revision: A Version: 1

AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	Cooling Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-432

Firmware: 1.6.14 Revision: A Version: 1

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO2	Output 2 - OP 2 Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	1	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	432	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Space Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cool Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Cool Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cool Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cool Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cool Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cool Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cool Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heat Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Heat Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heat Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heat Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heat Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heat Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heat Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y

# Disio Display BACnet Object List - DX-432

Firmware: 1.6.14 Revision: A Version: 1

AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	OP 2 Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV33	OP 2 Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV34	OP 2 Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	OP 2 Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	Cooling Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV37	Heating Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-4201



Firmware: 1.6.14 Revision: A Version: 3

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - OP 1 Analog Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO2	Output 2 - OP 2 Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AO3	Output 3 - OP 3 Analog Heat and Cool	Volts DC	N/A	0 - 10 V	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	3	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	4201	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temp Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temp Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temp Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Room Temp Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV10	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV11	Cool Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV12	Cool Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV13	Cool Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV14	Cool Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV15	Cool Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV16	Cool Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV17	Cool Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV18	Heat Loop Kp	N/A	2	0 - 300	N/A	R/W	Y
AV19	Heat Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV20	Heat Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV21	Heat Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV22	Heat Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV23	Heat Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV24	Heat Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV25	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV26	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV27	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-4201



Firmware: 1.6.14 Revision: A Version: 3

AV28	OP 1 Analog Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV29	OP 1 Analog Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV30	OP 1 Analog Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV31	OP 1 Analog Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	OP 2 Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV33	OP 2 Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV34	OP 2 Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	OP 2 Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV36	OP 3 Analog Heat and Cool Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV37	OP 3 Analog Heat and Cool Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV38	OP 3 Analog Heat and Cool Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV39	OP 3 Analog Heat and Cool Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV40	Heating and Cooling Dampers Pos	Percent	N/A	0 - 100 %	N/A	R	N
AV41	Heating Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV42	Cooling Dampers Position	Percent	N/A	0 - 100 %	N/A	R	N
AV43	Co2 Offset	PPM	0 PPM	-8388607 - 8388607 PPM	N/A	R/W	Y
AV44	CO2	PPM	N/A	-8388607 - 8388607 PPM	N/A	R/W	N
AV45	Humidity Offset	Percent	0 %	-8388607 - 8388607 %	N/A	R/W	Y
AV46	Relative Humidity	Percent	N/A	-8388607 - 8388607 %	N/A	R/W	N
MV1	Sequence Revision	N/A	1	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV3	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV4	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV5	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV6	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N

More information is available at [disio.io](http://disio.io)

# Disio Display BACnet Object List - DX-4201



Firmware: 1.6.14 Revision: A Version: 3

MV7	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV8	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV9	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y

# Disio Display BACnet Object List - DX-600

Firmware: v1.6.14 Revision: F Version: 14

Object	Name	Units	Default	Range	State Names	R/W	Retained on Power Failure
AI1	Thermistive Input 1	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AO1	Output 1 - Damper	Volts DC	N/A	2 - 10 V	N/A	R/W	N
AO2	Output 3 - Analog Heat	Volts DC	N/A	0 - 10 V	N/A	R/W	N
BO1	Output 2 - Binary Heat	N/A	N/A	0 - 1	N/A	R/W	N
AV1	MAC Address	N/A	2	0 - 127	N/A	R/W	Y
AV2	Sequence Version	N/A	14	0 - 8388607	N/A	R	Y
AV3	Sequence Number	N/A	600	0 - 8388607	N/A	R	Y
AV4	Hardware Version	N/A	N/A	0 - 8388607	N/A	R	N
AV5	LED Brightness	Percent	40 %	0 - 100 %	N/A	R/W	Y
AV6	Room Temperature Setpoint	°F/°C	72 °F	65 - 80 °F	N/A	R/W	Y
AV7	Room Temperature Setpoint Min	°F/°C	65 °F	32 - 80 °F	N/A	R/W	Y
AV8	Room Temperature Setpoint Max	°F/°C	80 °F	65 - 300 °F	N/A	R/W	Y
AV9	Deadband Damper	Percent	0 %	0 - 100 %	N/A	R/W	Y
AV10	Room Temperature Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV11	Room Temperature	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV12	SAT Offset	°F/°C	0 °F	-20 - 20 °F	N/A	R/W	Y
AV13	SAT	°F/°C	N/A	-59 - 300 °F	N/A	R/W	N
AV14	Cooling Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV15	Cooling Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV16	Cooling Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV17	Cooling Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV18	Cooling Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y
AV19	Cooling Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV20	Cooling Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV21	Heating Loop Kp	N/A	1	0 - 300	N/A	R/W	Y
AV22	Heating Loop Ki	N/A	1	0 - 300	N/A	R/W	Y
AV23	Heating Loop Pro Band	°F/°C	2 °F	0 - 300 °F	N/A	R/W	Y
AV24	Heating Loop Dead Band	°F/°C	1 °F	0 - 300 °F	N/A	R/W	Y
AV25	Heating Loop Unoccupied Dead Band	°F/°C	10 °F	0 - 300 °F	N/A	R/W	Y

# Disio Display BACnet Object List - DX-600

Firmware: v1.6.14 Revision: F Version: 14

AV26	Heating Loop Service Time	Seconds	60 sec	0 - 600 sec	N/A	R/W	Y
AV27	Heating Loop Load	Percent	N/A	0 - 100 %	N/A	R/W	N
AV28	Inlet Temperature Delta	°F/°C	2 °F	1 - 20 °F	N/A	R/W	Y
AV29	Damper Min V	Volts DC	2 V	0 - 10 V	N/A	R/W	Y
AV30	Damper Max V	Volts DC	10 V	2 - 10 V	N/A	R/W	Y
AV31	Damper Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV32	Damper Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV33	Binary Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV34	Binary Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV35	Analog Heat Min V	Volts DC	0 V	0 - 10 V	N/A	R/W	Y
AV36	Analog Heat Max V	Volts DC	10 V	0 - 10 V	N/A	R/W	Y
AV37	Analog Heat Min On Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV38	Analog Heat Min Off Time	Minutes	0 min	0 - 360 min	N/A	R/W	Y
AV39	Occupancy Timeout	Minutes	240 min	0 - 600 min	N/A	R/W	Y
AV40	Proximity Screen Timeout	Seconds	10 sec	5 - 86400 sec	N/A	R/W	Y
AV41	Diagnostic Mode	N/A	N/A	0 - 8388607	N/A	R/W	N
MV1	Sequence Revision	N/A	6	26 States	0-A, 1-B, 2-C, 3-D, 4-E, 5-F, 6-G, 7-H, 8-I, 9-J, 10-K, 11-L, 12-M, 13-N, 14-O, 15-P, 16-Q, 17-R, 18-S, 19-T, 20-U, 21-V, 22-W, 23-X, 24-Y, 25-Z	R	Y
MV2	Inlet HCCO State	N/A	N/A	3 States	0-Neutral, 1-Hot, 2-Cold	R/W	N
MV3	Temperature Units	N/A	2	2 States	0-C, 1-F	R/W	Y
MV4	Airflow Units	N/A	1	3 States	0-CFM, 1-L/s, 2-CMH	R/W	Y
MV5	Pressure Units	N/A	1	2 States	0-inches H2O, 1-Pascals	R/W	Y
MV6	Baud Rate	N/A	4	4 States	0-9600, 1-19200, 2-38400, 3-76800	R/W	Y
MV7	Occupancy	N/A	N/A	2 States	0-Unoccupied, 1-Occupied	R/W	N
MV8	Occupancy Source	N/A	N/A	4 States	0-Default Occupied, 1-BACnet, 2-Button, 3-Motion	R	N
MV9	Support Unoccupied Mode	N/A	1	2 States	0-No, 1-Yes	R/W	Y
MV10	Proximity Screen Mode	N/A	1	3 States	0-Dim, 1-Blank, 2-Always On	R/W	Y
MV11	Device Mode	N/A	N/A	2 States	0-Standard, 1-Balancing	R/W	N