

DESCRIPTION

BACnet Point Summary

Global Configuration (see antrumEye for configuration via web browser)

Object Name	ID	Type	Description			Notes
The Device’s name and instance are writable properties of the Device object		D	Device See PICS for properties			Defaults to the Panel Serial Number
MS/TP Port	1	NP	Network Port See PICS for properties			On MS/TP Network Defaults to Automatic Baud and Zero Config MAC
BACnet/IP Port	1	NP	Network Port See PICS for properties			On BACnet/IP Networks
test_mode	6	BV	Value	Description		
			1	Test Mode		
			Other	Normal Mode		

Reset: To reset the gateway’s global configuration to defaults, hold the reset button until the blue Status LED illuminates (about 5 seconds) and release. After the reset (about 3 seconds) the green Status LED will blink twice.

Global Data

Object Name	ID	Type	Description
service_life	7	AI	Remaining runtime (days) until calibration is required

Per-Channel Data

In the following objects, “{space}” is the space name.
Object ID = 100*Channel # + Offset

Sensor objects are only present when the corresponding sensor is present.

Object Name	Offset	Type	Unit	Description	Notes
{space}_contaminated	34	AI	%	Greatest contaminant concentration	
{space}_co	25	AI	PPM	CO concentration	
{space}_co2	1	AI	PPM	CO ₂ concentration	
{space}_ch2o	23	AI	PPB	CH ₂ O concentration	
{space}_dp	3	AI	°F	Dew point	
{space}_n2o	35	AI	PPM	N ₂ O concentration	
{space}_nh3	24	AI	PPM	NH ₃ concentration	
{space}_no2	27	AI	PPM	NO ₂ concentration	
{space}_o2	30	AI	PPM	O ₂ concentration	
{space}_o3	26	AI	PPM	O ₃ concentration	
{space}_pm2.5	9	AI	µg/m3	PM2.5 mass concentration	
{space}_pc2.5	16	AI	#/ft3	PC2.5 particle count	
{space}_r32	32	AI	PPM	R32 refrigerant concentration	
{space}_r410	33	AI	PPM	R410A refrigerant concentration	
{space}_rh	2	AI	%	Relative Humidity	Requires space temperature from antrumEye provided BACnet Device/Object ID for space thermostate
{space}_temp	29	AI	°F	Temperature	Copied from space thermostat via antrumEye provided BACnet Device/Object ID
{space}_tvoc	20	AI	PPM	TVOC concentration	Isobutylene Equivalent
{space}_tvoc_pid	21	AI	PPM	TVOC concentration	Isobutylene Equivalent
{space}_voc_i	19	AI	-	TVOC index	
				Value	Description
				<100	TVOC concentration decreasing
				100	Baseline
				>100	TVOC concentration increasing