



## SRCM BACnet Object List

Object Type	Instances	Object Name	Object Description
<b>Device</b>	DEV1	Device	Description of the SRCM Unit
<b>Analog Input (34 bytes/instance)</b>	AI1	Primary Pressure	Indicates the Primary Room Pressure
	AI2	Secondary Pressure	Indicates the Secondary Room Pressure
	AI3	Primary Temperature	Indicates the Primary Room Temperature
	AI4	Secondary Temperature	Indicates the Secondary Room Temperature
	AI5	Primary Humidity	Indicates the Primary Room Humidity
	AI6	Secondary Humidity	Indicates the Secondary Room Humidity
	AI7	Primary User Defined Parameter	Indicates the Primary Room User Defined Parameter
	AI8	Secondary User Defined Parameter	Indicates the Secondary Room User Defined Parameter
<b>Analog Value (20 bytes/instance)</b>	AV1	Primary analog output	Indicates Analog Output corresponding to Primary Room Pressure
	AV46	Sensor Full Scale	Full Scale Range of On Board Sensor
	AV2	Primary Pressure Low Range	Primary Room Pressure Low range when Primary Room is configured to Read Pressure from External Transducer through ADC
	AV53	Primary Pressure High Range	Primary Room Pressure High range when Primary Room is configured to Read Pressure from External Transducer through ADC
	AV15	Primary Temperature Low Range	Primary Room Temperature Low Range when Temperature is configured to read through ADC
	AV16	Primary Temperature High Range	Primary Room Temperature High Range when Temperature is configured to read through ADC
	AV29	Primary Humidity Low Range	Primary Room Humidity Low Range when Humidity is configured to read through ADC
	AV30	Primary Humidity High Range	Primary Room Humidity High Range when Humidity is configured to read through ADC
	AV27	Primary User Defined Parameter Low Range	Low Range for Primary Room User Defined Parameter when configured to read through ADC
	AV28	Primary User Defined Parameter High Range	High Range for Primary Room User Defined Parameter when configured to read through ADC
	AV3	Primary Alarm Low Limit for Positive Pressure	Alarm low limit for Primary Room Pressure when Pressure mode Positive



<b>Analog Value (20 bytes/instance)</b>	AV4	Primary Alarm High Limit for Positive Pressure	Alarm High limit for Primary Room Pressure when Pressure mode Positive
	AV33	Primary Alarm Low Limit for Neutral Pressure	Alarm low limit for Primary Room Pressure when Pressure mode Neutral
	AV34	Primary Alarm High Limit for Neutral Pressure	Alarm High limit for Primary Room Pressure when Pressure mode Neutral
	AV31	Primary Alarm Low Limit for Negative Pressure	Alarm low limit for Primary Room Pressure when Pressure mode Negative
	AV32	Primary Alarm High Limit for Negative Pressure	Alarm High limit for Primary Room Pressure when Pressure mode Negative
	AV5	Secondary Pressure Low Range	Secondary Room Pressure Low Range when Primary Room is configured to Read Pressure from External Transducer through ADC
	AV54	Secondary Pressure High Range	Secondary Room Pressure High Range when Primary Room is configured to Read Pressure from External Transducer through ADC
	AV40	Secondary Temperature Low Range	Secondary Room Temperature Low Range when Temperature is configured to read through ADC
	AV41	Secondary Temperature High Range	Secondary Room Temperature High Range when Temperature is configured to read through ADC
	AV42	Secondary Humidity Low Range	Secondary Room Humidity Low Range when Humidity is configured to read through ADC
	AV43	Secondary Humidity High Range	Secondary Room Humidity High Range when Humidity is configured to read through ADC
	AV44	Secondary User Defined Parameter Low Range	Low Range for Secondary Room User Defined Parameter when configured to read through ADC
	AV45	Secondary User Defined Parameter High Range	High Range for Secondary Room User Defined Parameter when configured to read through ADC
	AV6	Secondary Alarm Low Limit for Positive Pressure	Alarm low limit for Secondary Room Pressure when Pressure mode Positive
	AV7	Secondary Alarm High Limit for Positive Pressure	Alarm High limit for Secondary Room Pressure when Pressure mode Negative
	AV38	Secondary Alarm Low Limit for Neutral Pressure	Alarm low limit for Secondary Room Pressure when Pressure mode Neutral
	AV39	Secondary Alarm High Limit for Neutral Pressure	Alarm low limit for Secondary Room Pressure when Pressure mode Neutral
	AV36	Secondary Alarm Low Limit for Negative Pressure	Alarm low limit for Secondary Room Pressure when Pressure mode Negative



<b>Analog Value (20 bytes/instance)</b>	AV37	Secondary Alarm High Limit for Negative Pressure	Alarm low limit for Secondary Room Pressure when Pressure mode Negative
	AV8	Alarm Delay	Alarm Delay for Pressure, Valve & ACH Alarms (Ranges from 0 to 9999)
	AV9	Mute Time Out	Buzzer Volume Mute Timeout (Ranges from 0 to 9999). 99999 will make the Buzzer Volume Mute Forever
	AV10	Buzzer Volume	From 0 to 4
	AV11	Dead Band	Pressure and ACH Alarm Dead Band 1-10%
	AV12	Contrast Level	TFT Contrast Level from 1 to 4
	AV13	Pressure Resolution	Pressure Display Resolution from 2 to 4
	AV14	Display Average	Display Averaging Window Size (0 to 40)
	AV35	Window Size	Moving Average Window Size (1 to 40)
	AV49	ADC Ch1 Input Low voltage	Indicates ADC Ch1 Input Low voltage
	AV50	ADC Ch1 Input High voltage	Indicates ADC Ch1 Input High voltage
	AV51	ADC Ch2 Input Low voltage	Indicates ADC Ch2 Input Low voltage
AV52	ADC Ch2 Input High voltage	Indicates ADC Ch2 Input High voltage	
<b>Binary Input (18 bytes/instance)</b>	BI1	Digital Input Status	0 - Input Closed 1 - Input Open
<b>Binary Value (16 bytes/instance)</b>	BV1	Relay Status	0 - Relay Off 1 - Relay On
	BV2	Primary Pressure Unit	Primary Room Pressure Engineering Unit 0 - "WC 1 - Pa
	BV3	Secondary Pressure Unit	Secondary Room Pressure Engineering Unit 0 - "WC 1 - Pa
	BV4	Primary Temperature Unit	Primary Room Temperature Engineering Unit 0 - Fahrenheit 1 - Celsius
	BV10	Secondary Temperature Unit	Secondary Room Temperature Engineering Unit 0 - Fahrenheit 1 - Celsius
	BV6	Alarm Latch Status	0 - Disabled 1 - Enabled
	BV8	Supervisory Password Status	0 - Disabled 1 - Enabled
	BV9	Operator Password Status	0 - Disabled 1 - Enabled
	BV11	User Define Text Status	User Define Text Status 0 - Disabled 1 - Enabled



<b>Binary Value (16 bytes/instance)</b>	BV12	Slider Status	0 - Slider Off 1 - Slider On
	BV14	Language support	0 - French 1 - English
	BV15	Alarm Condition Blink Status	Blink Status Alarm Condition 0 - Disabled 1 - Enabled
	BV16	Normal Condition Blink Status	Blink Status Normal Condition 0 - Disabled 1 - Enabled
	BV17	Warning Condition Blink Status	Blink Status Warning Condition 0 - Disabled 1 - Enabled
	BV18	Blink In Red	Blink Status for Condition Banner Red 0 - Disabled 1 - Enabled
	BV19	Blink In Green	Blink Status for Condition Banner Green 0 - Disabled 1 - Enabled
	BV20	Blink In Yellow	Blink Status for Condition Banner Yellow 0 - Disabled 1 - Enabled
	BV26	Blink In Blue	Blink Status for Condition Banner Blue 0 - Disabled 1 - Enabled
	BV22	Audible Alarm Status	0 - Disabled 1 - Enabled
	BV23	Full Screen Condition Banner	Full Screen Condition Banner feature 0 - Disabled 1 - Enabled
<b>Multi State Input (48 bytes/instance)</b>	MSI1	System Operation Status	1 - Normal 2 - Door 3 - Warning 4 - Valve 5 - Alarm 6 - Ach
<b>Multi State Value (48 bytes/instance)</b>	MSV1	Analog Output Type	Primary Room Analog Output Type 1 - 4-20mA 2 - 0- 5V 3 - 0- 10V



<b>Multi State Value (48 bytes/instance)</b>	MSV2	Primary Room Pressure Mode	Primary Room Pressure Mode 1 - Positive 2 - Negative 3 - Neutral
	MSV13	Secondary Room Pressure Mode	Secondary Room Pressure Mode 1 - Positive 2 - Negative 3 - Neutral
	MSV3	Color mode	Condition Banner Color Mode 1 - Green 2 - Red 3 - Yellow 4 - Blue
	MSV14	Red Condition Banner Mode	1 - Active 2 - Standby 3 - No Action 4 - Occupied 5 - Unoccupied
	MSV15	Green Condition Banner Mode	1 - Active 2 - Standby 3 - No Action 4 - Occupied 5 - Unoccupied
	MSV16	Yellow Condition Banner Mode	1 - Active 2 - Standby 3 - No Action 4 - Occupied 5 - Unoccupied
	MSV31	Blue Condition Banner Mode	1 - Active 2 - Standby 3 - No Action 4 - Occupied 5 - Unoccupied
	MSV5	Room to Display	Room to be displayed on Home screen 1 - Primary Only 2 - Secondary Only 3 - Toggle between the two
	MSV10	Primary Room Pressure Input Source	1- Onboard Sensor 2 - Analog CH1 3 - Analog CH2
	MSV17	Primary Room Temperature Input Source	1 - ADC CH-1 2 - ADC CH-2 3 - BACnet 4 - None



<b>Multi State Value (48 bytes/instance)</b>	MSV19	Primary Room Humidity Input Source	1 - ADC CH-1 2 - ADC CH-2 3 - BACnet 4 - None
	MSV21	Primary Room User Defined Parameter Input Source	1 - ADC CH-1 2 - ADC CH-2 3 - BACnet 4 - None
	MSV9	Secondary Room Pressure Input Source	1 - Analog Ch1 2 - Analog Ch2 3 - None
	MSV23	Secondary Room Temperature Input Source	1 - ADC CH-1 2 - ADC CH-2 3 - BACnet 4 - None
	MSV25	Secondary Room Humidity Input Source	1 - ADC CH-1 2 - ADC CH-2 3 - BACnet 4 - None
	MSV27	Secondary Room User Defined Parameter Input Source	1 - ADC CH-1 2 - ADC CH-2 3 - BACnet 4 - None
	MSV8	Pressure Alarm status	1 - Primary alarm active 2 - Secondary alarm active 3 - Both active 4 - Both normal
	MSV11	Digital Input Configuration	1 - Door 2 - Valve 3 - Disabled 4 - Door != Alarm
	MSV29	Room Occupancy Status	1- Active 2- Standby
	MSV6	Primary Parameter 1	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
MSV18	Primary Parameter 2	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None	



<b>Multi State Value (48 bytes/instance)</b>	MSV20	Primary Parameter 3	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
	MSV22	Primary Parameter 4	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
	MSV7	Secondary Parameter 1	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
	MSV24	Secondary Parameter 2	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
	MSV26	Secondary Parameter 3	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
	MSV28	Secondary Parameter 4	1 - Pressure 2 - Temperature 3 - Humidity 4 - User defined 5 - None
<b>Character String Value/ Proprietary object</b>  <b>Assuming (100 bytes/instance)</b>	PCV1	Primary Room Label	
	PCV2	Secondary Room Label	
	PCV3	Primary Room User Defined Parameter Name	
	PCV4	Secondary Room User Defined Parameter Name	
	PCV5	Primary Room User Defined Parameter Engineering Unit	
<b>Character String Value/ Proprietary object</b>  <b>Assuming (100 bytes/instance)</b>	PCV6	Secondary Room User Defined Parameter Engineering Unit	
	PCV7	Audit Trail String 1	
	PCV8	Audit Trail String 2	
	PCV9	Audit Trail String 3	
	PCV10	Audit Trail String 4	
	PCV11	Audit Trail String 5	



<b>Character String Value/ Proprietary object</b>  <b>Assuming (100 bytes/instance)</b>	PCV12	Technical Support ID	
	PCV13	Statutory Message for Red Color Mode	
	PCV14	Statutory Message for Yellow Color Mode	
	PCV15	Statutory Message for Green Color Mode	
	PCV19	Statutory Message for Blue Color Mode	
	PCV16	User Defined Text for Red Color Mode	
	PCV17	User Defined Text for Yellow Color Mode	
	PCV18	User Defined Text for Green Color Mode	
	PCV20.	User Defined Text for Blue Color Mode	
<b>Notification Class (50 bytes/instance)</b>	NC1	Primary Room Pressure Warning	
	NC2	Primary Room Pressure Alarm	
	NC3	Secondary Room Pressure Warning	
	NC4	Secondary Room Pressure Alarm	
	NC5	Digital Input Open	
<b>Event Enrollment (78 bytes/instance)</b>	EE1	Primary Room Pressure Warning	
	EE2	Primary Room Pressure Alarm	
	EE3	Secondary Room Pressure Warning	
	EE4	Secondary Room Pressure Alarm	
	EE5	Digital Input Open	