

#### PG-133-102-AB Hochiki FireNet to BACnet MSTP Protocol Converter

PG-133-102-AB is highly powerful, superior, completely configurable and productive Building & Industrial Automation gateway for integrators to effortlessly interface devices to networks in commercial buildings and industrial plants.

PG-133-102-AB Gateway model supports Hochiki FireNet and BACnet MSTP protocols. It is a Bidirectional Converter that can be configured as a Client on Hochiki FireNet side and a Server/Client on BACnet MSTP protocol interface.

When configured as a Hochiki FireNet client, the PG-133-102-AB can read data from your Hochiki FireNet fire panel and publish it as BACnet MSTP data. Also, it can write commands sent from the BACnet MSTP side to the Hochiki FireNet fire panel.

When configured as a BACnet MSTP client, the PG-133-102-AB can read data from your BACnet MSTP devices and publish it as Hochiki FireNet type data. Also, it can write commands sent from the Hochiki FireNet side to the BACnet MSTP devices.

The PG-133-102-AB can be configured to behave as a server on BACnet MSTP interfaces. This mode is useful when data exchange is required between a Hochiki FireNet client (for eg. SCADA) and a BACnet MSTP client (for eg. a Building Management System).

The PG-133-102-AB can be configured to behave as a client on both Hochiki FireNet and BACnet MSTP interfaces.

PG-133-102-AB gateways have benefitted system integrators worldwide with its powerful line of gateways. Additionally, PG-133-102-AB gateway runs the same protocol conversion software on a productive and cost efficient platform backed by the experience, engineering expertise and technically proven support that integrators have come to expect from PG-133-102-AB.

#### **Features**

- Ability to interface upto 1000 points
- DIN rail mount optional
- DIP switches to select baud rate or node ID on the fly
- Multi-configuration capability
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network



## **Specifications**

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Operating Temperature: -40 to 75°C (-40 to 167°F)	
Relative Humidity:5-90% RH non-condensing		
9-30 VDC or 12-24 VAC		
Current Draw @ 12V about 250Ma		
1.5x2.9x1.6 in. (11.5x7.4x4.1 cm)		
0.4 lbs (0.2 Kg)		
Configuration/Diagnostic utilities		
Capacity: 1000 points		
Table, Wall or DIN rail mount		
RS-485	1	
RS-485 or RS-232	1	
Ethernet 10Base-T, 100BASE-T <sup>2</sup>	1	
Mbus -		
KNX -		
LonWorks -		
TUV Approved to UL 916 and CSA C22.2 standards		
BTL and LonMark certified		
LonMark Certified		
RoHS Compliant		
GOST-R Certified		
CE and FCC		
	-30 VDC or 12-24 VAC  Furrent Draw @ 12V about 250Ma 5x2.9x1.6 in. (11.5x7.4x4.1 cm) 4 lbs (0.2 Kg)	



# **Hochiki FireNet Protocol Driver Description**

Connection Facts				
Mode	Nodes	Comments		
Client	1	Only one Hochiki PC (J5)		
		connection per port.		
Server	0	This driver cannot be		
		configured as a Server.		
Formal Driver Type:	Serial			
	Client Only			
	Connection Inform	ation		
Connection Type:	RS-232			
Baud Rates:	19200 (Vendor Limitation	on)		
Data Bits:	8 (Vendor Limitation)			
Stop Bits:	1 (Vendor Limitation)			
Parity:	None			
Multidrop Capability:	No			
	Devices Teste			
Device Tested  Tested				
Hochiki FireNet 4127	Factory			
	1. 4000. 1			
	Supported Data T	ypes		
Data Type	Description			
Panel	To hold data for panel I	evel events.		
SLC_Loop	To hold data for SLC loop and devices connected on loop.			
Nac_Board	To hold event data from NAC circuits.			
IO_Board	To hold event data from IO Boards.			
Others	To hold event data that does not belong to above categories.			
LED_Status	To hold panel's LED Statuses.			
Panel_Version	To hold panel's firmware's version.			
	Supported Read Op	erations		
As a Client	As a Server			
Fire	Testing			
Emergency	Status			
Auxiliary	CEAction			
Pre Alarm				
Supervisory				
Fault ( Trouble)				
Security				
Disable				
		15		
	Unsupported Functions ar	ud Data Types		
Function	Reason			



Programming messages and	It is a data transfer device, and as such, programming messages
configuration messages	are not required. Use vendor's config tools to configure and
	program the panel.

# **BACnet MS/TP Protocol Driver Description**

	Conr	nection type:	RS-4 dup	185 (Two wire, half- lex)
	Bauc	l Rates:	960 768	0,19200,38400 and 00 <sup>3</sup>
Driver Name: BACnet/MSTP	Data	Bits:	7,8	
	Stop	Bits:	1,2	
	Parit	y:	Odd	, Even, None
	Mult	idrop Capability:	Yes	
PG-133-1	⊥ L02-A	B AS A BACnet MS/TP	CLIEN	т
Read Operations Supported		Properties Supported		Comments and
				Limitations
Read Property		Present Value Out_Of_Service		Store value in Data Array location after scaling has been applied  When using a Complex Data Object, the OOS property is fully supported. Return FALSE when not OOS or when using standard Data Arrays
		Units		Returns Units as specified in the Map Descriptor
		Reliability		When using a Complex Data Objects, returns "Unreliable Other"



	Priority_Array	when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Thomy_Anay	Priority_Array of Map Descriptor
	Unsupported	This property is supported
	Protocol_Object_Type_Supported	This property is supported
	Protocol_Services_Supported	This property is supported
	Database_Revision	This property is supported and will change if a new configuration is downloaded to the FS
	Max_Master	This property is supported for the BACnet /MSTP DLL option
	Max_Info_Frames	This property is supported for the BACnet/MSTP DLL option
	Relinguish_Default	Returns Relinguish _Default
	Mode	This property is supported.
	Tracking_Value	This property is supported.
Read Property Multiple	As for Read Property	Transactions can be defined to read multiple objects and properties in a single ReadPropertyMultiple



		operation.
		·
	ALL	Read Property
		Multiple of the ALL
		property is NOT
		supported
Write Operations Supported	Properties Supported	Comments and
		Limitations
Write Property		Send value in Data
	Dunnant Value	Array location after
	Present Value	scaling has been
		applied
Write Property Multiple		
_	<b>-</b>	<b>I</b>
PG-133-102	2-AB AS A BACnet MS/TP SE	RVER
DEVICE OBJECT		
Read Operations Supported	Properties Supported	Comments and
		Limitations
	Object_Identifier	Returns Object _ID
	Object_Identifier	Returns Object _ID with Node_ID as
	Object_Identifier	
	Object_Identifier  Object_Name	with Node_ID as
	Object_Name	with Node_ID as Object Instance Returns Node Name
		with Node_ID as Object Instance
	Object_Name	with Node_ID as Object Instance  Returns Node Name  Returns Device Object
Read Property	Object_Name Object_Type	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype
Read Property	Object_Name Object_Type System_Status	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype  Returns Normal
Read Property	Object_Name Object_Type System_Status	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype  Returns Normal  Returns PG-10XX
Read Property	Object_Name Object_Type System_Status Vendor_Name	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype  Returns Normal  Returns PG-10XX Technologies
Read Property	Object_Name Object_Type System_Status Vendor_Name Vendor_Identifier	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype  Returns Normal  Returns PG-10XX Technologies  Returns 37
Read Property	Object_Name Object_Type System_Status Vendor_Name Vendor_Identifier	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype  Returns Normal  Returns PG-10XX Technologies  Returns 37  Returns PG-10XX
Read Property	Object_Name Object_Type System_Status Vendor_Name Vendor_Identifier Model_Name	with Node_ID as Object Instance  Returns Node Name  Returns Device Objectype  Returns Normal  Returns PG-10XX Technologies  Returns 37  Returns PG-10XX model



Protocol_Version	Returns version 1
_	
Protocol_Revision	Returns version 1
Protocol_Services_Supported	This property is supported
Protocol_Object_Type_Supported	This property is supported
Protocol_Object_List	Returns a list of objects defined in the PG-10XX
Max_APDU_Length_Accepted	For PG-10XX,the MAX APDU length for BACnet MSTP is 480 bytes and for BACnet IP/BACnet Eth 1497 bytes
Segmentation_Supported	Returns Segmantation NOT Supported
APDU_Timeout	Returns the value as defined by the Node's "Timeout" paramater
APDU_Retries	Returns the value as defined by the Node's "Retries" parameter
Device_Address_Bindings	Returns an empty list
Max_Master	This property is supported for the BACnet/MSTP DLL option
Max_info_Frames	This property is supported for the BACnet/MSTP DLL option
Description	This property is supported
Database_Revision	This property is supported and will change if a new configuration is



		downloaded to the PG-10XX
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and
		Limitation
Write Property	Max_Master	This Property is supported for the BACnet /MSTP DLL option
write Property	Max_info_Frames	This Property is supported for the BACnet /MSTP DLL option
Write Property Multiple	Max_Master	This Property is supported for the BACnet /MSTP DLL option
	Max_info_Frames	This Property is supported for the BACnet /MSTP DLL option
Analog Input Object		
Read Operations Supported	Properties Supported	Comments and Limitations
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns Map Descriptor Name
	Object_Type	Returns Analog Input Object Type



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	Present_Value	Returns value in Data_Array after scaling has been applied
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits.
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns Unreliable Other when the Node is offline, or when the data is old. Returns FALSE if the node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using a Complex data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Description	This property is supported
	Units	Returns Units as specified in the Map Descriptor
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with Multiple



		properties can be specified
		I
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Present_Value	Writing to the Present Value is allowed if the Object is OOS
Write Property Multiple		
Data Sharing Operations Supports	d Proportios Supported	Comments and
Data Sharing Operations Supporte	ed Properties Supported	Limitations
SubscribeCOV	Present_value	Subscription storage is non-volatile
COVNotification	Present_value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
EventNotification	Present_Value,Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No limitations
Analysis and Analysis	L - Oktob	
Analog Output Object, Analog Va		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
D I D	Object_Name	Returns "Map Descriptor Name"
Read Property	Object_Type	Returns Analog Output Object type
	Present_Value	Returns value in Data Array after scaling has



		been applied
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using a Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Units	Returns Units as specified in the Map Descriptor
	Priority_Array	Returns Priority_Array of Map Descriptor
	Description	This property is supported
	Relinguish_Default	Returns Religuish _Default
Read Property Multiple	Same properties as Read Property	Read Property
	www.protoconvert.com	Multiple is fully



		supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Present_Value	When using Complex Data Objects and OOS is TRUE, then the write will not cause a write-through operation to the Server side. If the OOS is FALSE or when using standard Data Arrays then writes will always cause a write- through operation to the Server side
Write Property Multiple		
Data Sharing Operations Supported	d Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
		No Limitations



Read Operations Supported	Properties Supported	Comments and Limitations
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input Object type
	Present_Value	Returns the binary value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Polarity	Always returns "Normal"



	Active_Text	Returns Active Text as specified on the Map Descriptor
	Description	This property is supported
	Inactive_Text	Returns Inactive Text as specified on the Map Descriptor
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and
		Limitations
Write Property	Present_Value	Writing to the Present Value is allowed if the Object is OOS
Write Property Multiple		
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
	I	1
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations



Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Binary Output Object, Binary Val	ue Object	
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input Object type
	Present_Value	Returns the binary value in the data array
Read Property	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using Complex Data



		Object Potures EALSE
		Object. Returns FALSE when not OOS or
		when using standard  Data Arrays
		Data Allays
	Priority_Array	Returns Priority_Array
		of Map Descriptor
	Religuish_Default	Returns Current
		Relinguish_Default
	Description	This property is
		supported
	Active_Text	Returns Active Text as
		specified on the Map
		Descriptor
	Inactive_Text	Returns Inactive Text
		as specified on the
		Map Descriptor
		1
Read Property Multiple	Same properties as Read Property	Read property
		Multiple is fully
		supported. Multiple
		objects with multiple
		properties can be
		specified
	<u>'</u>	
Write Operations Supported	Properties Supported	Comments and
		Limitations
		When using Complex
		Data Objects and OOS
		is TRUE, then the
		write will not cause a
		write-through
		operation to the
Write Property	Present_Value	downstream side. If
		the OOS is FALSE or
		when using standard
		Data Arrays when
		writes will always
		cause a write-through
	İ	operation to the



		downstream side
Write Property Multiple		
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Multiple State Input Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input Object type
Read Property	Present_Value	Returns unsigned Integer value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard



	Data Arrays returns
	FALSE for all bits
Event_State	No Limitations
Reliability	When using a
	Complex Data
	Objects, returns
	"Unreliable Other"
	when the Node is
	offline, or when the
	data is old. Returns
	FALSE if the Node is
	online or when using
	Standard Data Arrays
Description	This property is
,	supported
Out Of Comite	
Out_Of_Service	When using a
	Complex Data Object,
	the OOS property is fully supported.
	Returns FALSE when
	not OOS or when
	using standard Data
	Arrays
	Allays
Number_Of_State	When using a
	Complex Data Object,
	returns the number of
	states defined. When
	using Standard Data
	Arrays returns the
	value of 5
State_Text	When using Complex
State_rext	Data Objects returns
	the State Text Strings
	defined. When using
	Standard Data Arrays
	return "State X"
	where "X" is the value
	stored in Data_Array
	and could be 0 to 4



Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and
		Limitations
Write Property	Present_Value	Writing to the Present Value is allowed if the Object is OOS
Write Property Multiple		
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations	Properties Supported	Comments and
Supported		Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Multi-State Output Object, Multi-Sta	te Value Object	
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
Read Property	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input Object type



Present_Value	Returns unsigned
Social_value	Integer value in the
	data array
	•
Status_Flags	When using Complex
	Data Objects returns
	the FAULT and
	OUT_OF_SERVICE
	fields as indicated in
	section 12.2.7 of the
	BACnet specification.
	When using standard
	Data Arrays returns
	FALSE for all bits
Event_State	No Limitations
Reliability	When using a
Kendonicy	Complex Data
	Objects, returns
	"Unreliable Other"
	when the Node is
	offline, or when the
	data is old. Returns
	FALSE if the Node is
	online or when using
	Standard Data Arrays
Out Of Comics	
Out_Of_Service	Fully supported when
	using a Complex Data Object. Returns FALSE
	when not OOS or
	when using standard
	Data Arrays
Number_Of_State	When using a
	Complex Data Object,
	returns the number of
	states defined. When
	using Standard Data
	Arrays returns the
	value of 5
State_Text	When using Complex
_	Data Objects returns
	the State Text Strings
	defined. When using
	Standard Data Arrays
I .	,



		return "State_X" where "X" is the value stored in Data_Array
		and could be 0 to 4
	Description	This property is supported
	Priority_Array	Returns Priority_Array of Map Descriptor
	Religuish_Default	Returns Relinguish_Default
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Present_Value	When using Complex Data Objects and OOS is FALSE or when using standard data arrays, writes will trigger a write
		through operation to client side
Write Property Multiple		· ·
		client side
Write Property Multiple  Data Sharing Operations Supported	Properties Supported	· ·
	Properties Supported  Present_Value	client side  Comments and
Data Sharing Operations Supported		Comments and Limitations Subscription storage



Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Notification Class Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Notification Class Object type
	Description	No Limitations
Read Property	Notification_Class	No Limitations
	Priority	No Limitations
	Ack_Required	No Limitations
	Description	This Property is supported
	Recipient List	No Limitations
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Recipient_List	RecipientList storage is non-volatile



Write Property Multiple		
AddList	RecipientList	Used to subscribe to Alarm and Event Notifications
Life Safety Point Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No limitations.
	Object_Name	Returns "Map Descriptor
	Object_Type	Name".  Returns Analog Input Object type.
	Present_Value	Returns unsigned integer value in the Data Array.
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in the Reference Section of the BACnet specification. When using standard Data Arrays returns FALSE for all
	Event_State	bits.  No limitations.
Read Property	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using
	Description.	Standard Data Arrays.
	Description Out_Of_Service	This property is supported.  When using a Complex Data Object, the OOS property is fully supported. Return FALSE when not OOS or when using standard Data Arrays.
	Mode	Operating Mode. Only 'ON'
	Accepted_Modes	mode is supported.  List of Operating Modes
	Silenced	Represents silenced state, but only "All Silenced" supported.
	Operation_Expected	List of LifeSafety Operations, only 'None' operation is supported.
	Property_List	Returns the list of
Read Property multiple	Same properties as Read Property	supported properties.  Read Property Multiple is fully supported.  Multiple objects with multiple properties can



		be specified.
Write Operations Supported	Properties Supported	Comments and
		Limitations
	Object_Name	Sets Object_Name.
Weite Deep entry	Present_Value	Writing to the Present Value is allowed if the Object is OOS.
Write Property	Mode	Operating Mode. Only 'ON' mode is supported.
	Operation_Expected	List of LifeSafety Operations, only 'None' operation is supported.
Write Property Multiple	Present_Value	Writing to the Present Value is allowed if the Object is OOS.
Data Sharing Operations	Properties Supported	Comments and
Supported	Troperties supported	Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile.
COVNotification	Present_Value	Confirmed and Unconfirmed.
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
	Present_Value, Status	Confirmed and Unconfirmed.
EventNotification	_ ,	encommica.
EventNotification  AcknowledgeAlarm	No Limitations.	Choomining.
		Choominined.
	No Limitations.	Choominined.
AcknowledgeAlarm	No Limitations.	Choominined.
AcknowledgeAlarm  Unsupported Functions and Data Ty	No Limitations.	Chiedriiiinied.
AcknowledgeAlarm  Unsupported Functions and Data Ty  BACnet Object Type not Supported	No Limitations.	Chiedrimined.
AcknowledgeAlarm  Unsupported Functions and Data Ty  BACnet Object Type not Supported  Averaging Object	No Limitations.	
AcknowledgeAlarm  Unsupported Functions and Data Ty  BACnet Object Type not Supported  Averaging Object  Calendar Object	No Limitations.	
AcknowledgeAlarm  Unsupported Functions and Data Ty  BACnet Object Type not Supported  Averaging Object  Calendar Object  Command Object	No Limitations.	
AcknowledgeAlarm  Unsupported Functions and Data Ty BACnet Object Type not Supported  Averaging Object  Calendar Object  Command Object  Event Enrollment Object	No Limitations.	



Loop Object
Notification Class Object unsupported on Client side only
Program Object
Schedule Object
BACnet Services not Supported
Alarm and Event Services unsupported on Client side only
File Access Services
Virtual Terminal Services
COV and EventNotification services are not supported for BACnet
MSTP on the ProtoCessor
For BACnet MSTP, PTP and Arcnet, COV services are disabled by default and may be enabled by
setting the Node_Option property to COV_Enable in the Nodes section configuration file.



## **Dimensions:**

