



BACnet Protocol Implementation Conformance Statement

Products

Product	Model Number	Protocol Revision	Software Version	Firmware Version
RC-Studio 2.0	RC-ST2	4	2.0	N/A

Vendor Information

Reliable Controls Corporation
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Product Description

RC-Studio is a full-featured, Windows-based operator interface for BACnet Building Automation Systems. Operators have password-controlled access to database, scheduling, alarming, Control BASIC, trending, and graphics programming. RC-Studio supports PTP and BACnet/IP for communications to both local and Internet connected systems.

BACnet Standardized Device Profile

Product	Device Profile
RC-ST2	BACnet Operator Workstation (B-OWS)

Supported BIBBs

Supported BIBBs	BIBB Name
DS-RP-A	Data Sharing-ReadProperty-A
DS-RP-B	Data Sharing-ReadProperty-B
DS-RPM-A	Data Sharing-ReadPropertyMultiple-A
DS-RPM-B	Data Sharing-ReadPropertyMultiple-B
DS-WP-A	Data Sharing-WriteProperty-A
DS-WPM-A	Data Sharing-WritePropertyMultiple-A
DS-V-A	Data Sharing-View-A
DS-M-A	Data Sharing-Modify-A
AE-N-A	Alarm and Event-Notification-A
AE-ACK-A	Alarm and Event-ACK-A
AE-AS-A	Alarm and Event-Alarm Summary View-A
AE-VM-A	Alarm and Event-View and Modify-A
AE-VN-A	Alarm and Event-View Notifications-A
SCHED-VM-A	Scheduling-View Modify-A
SCHED-AVM-A	Scheduling-Advanced View Modify- A
SCHED-WS-A	Scheduling-Weekly Schedule-A
T-V-A	Trending-View-A
DM-DDB-A	Device Management-Dynamic Device Binding-A
DM-DDB-B	Device Management-Dynamic Device Binding-B
DM-ANM-A	Device Management-Automatic Network Mapping-A
DM-ADM-A	Device Management-Automatic Device Mapping-A
DM-DOB-B	Device Management-Dynamic Object Binding-B
DM-DCC-A	Device Management-Device Communication Control-A
DM-MTS-A	Device Management-Manual Time Synchronization-A
DM-OCD-A	Device Management-Object Creation and Deletion-A
DM-RD-A	Device Management-Reinitialize Device-A
DM-BR-A	Device Management-Backup and Restore-A

Segmentation Capability

Segmentation Type	Supported	Window Size
Able to transmit segmented messages	Yes	1
Able to receive segmented messages	Yes	1

Standard Object Types Supported

Object Type	Dynamically Creatable	Dynamically Deletable	Optional Properties Supported	Writable Properties
Device	No	No	Max_Segments_Accepted, Description, Local_Time, Local_Date, APDU_Segment_Timeout	

Data Link Layer Options

Data Link	Options
BACnet/IP	Able to register as Foreign Device
PTP	9600, 19200, 38400, 57600, 115200

Device Address Binding

Static Binding Supported
No

Character Sets

Character Sets supported
ANSI X3.4