

BACnet Protocol Implementation Conformance Statement

Products

Product	Model Number	Protocol Revision	Software Version	Firmware Version
RC-Studio	RC-ST3	12	3.6	N/A

Vendor Information

Reliable Controls Corporation 120 Hallowell Road Victoria, B.C. Canada V9A 7K2 www.reliablecontrols.com

Product Description

Recognized as the ultimate all-in-one BACnet® Advanced Workstation (B-AWS), RC-Studio® from Reliable Controls provides outstanding functionality, value, and ease of programming. Compatible with Windows 7 and higher, RCStudio provides efficient BACnet object discovery, drag and drop programmability, and intuitive object creation and manipulation. Programmers have the freedom to automatically discover BACnet devices, cut and paste sequence of operations, trend building energy and comfort performance, program algorithmic and intrinsic alarms, and link interactive and empowering graphics to build custom user interfaces and dashboards.
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BACnet Standardized Device Profile

Product	Device Profile	Tested
RC-ST3	BACnet Advanced Operator Workstation (B-AWS)	X

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-AV-A	Data-Sharing-Advanced View-A
DS-M-A	Data-Sharing-Modify-A
DS-AM-A	Data-Sharing-Advanced Modify-A
DS-COV-A	Data-Sharing-COV-A
AE-N-A	Alarm and Event-Notification-A
AE-ACK-A	Alarm and Event-ACK-A
AE-VN-A	Alarm and Event-View Notification-A
AE-VM-A	Alarm and Event-View Modify-A
AE-AVN-A	Alarm and Event-Advanced View Notification-A

Supported BIBBs	BIBB Name
AE-AVM-A	Alarm and Event-Advanced View Modify-A
AE-AS-A	Alarm and Event-Alarm Summary View-A
AE-ASUM-A	Alarm and Event-Alarm Summary-A
AE-ESUM-A	Alarm and Event-Enrollment Summary -A
AE-INFO-A	Alarm and Event-Information-A
SCHED-AVM-A	Scheduling-Advanced View and Modify-A
SCHED-VM-A	Scheduling-View and Modify-A
SCHED-WS-A	Scheduling-Weekly Schedule-A
T-V-A	Trending-View-A
T-AVM-A	Trending-Advanced View and Modify-A
DM-DDB-A	Device Management-Dynamic Device Binding-A
DM-DDB-B	Device Management-Dynamic Device Binding-B
DM-DOB-B	Device Management-Dynamic Object Binding-B
DM-ADM-A	Device Management-Automatic Device Mapping-A
DM-ANM-A	Device Management-Automatic Network Mapping-A
DM-MTS-A	Device Management-Manual Time Synchronization-A
DM-DCC-A	Device Management-Device Communication Control-A
DM-RD-A	Device Management-Reinitialize Device-A
DM-BR-A	Device Management-Backup and Restore-A
DM-OCD-A	Device Management-Object Creation and Deletion-A
DM-LM-A	Device Management-List Manipulation-A

Segmentation Capability

Segmentation Type	Supported	Window Size
Able to transmit segmented messages	Yes	8
Able to receive segmented messages	Yes	8

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
Point-To-Point	9600, 19200, 38400, 57600, 115200

Device Address Binding

Static Binding Supported
No

Character Sets

Character Sets supported
UTF-8