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BACnet Testing Laboratories
Product Listing

This product has been tested at a qualified BACnet Testing Laboratory and found to comply with all the necessary interoperability requirements in place on the published test date. This listing represents the tested capability of the Listed Products. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BACnet International website.

Listing Information (BTL-30341)

Vendor		Listing Status
Quantum Automation (Asia) Pte. Ltd. 9 Senoko Drive Singapore 758197		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of October 2016	Revision 12 (135-2010)	August 2018

Product Name	Model Numbers	Firmware version
iCON-3400PB-BC Programmable Building Controller	iCON-3400PB-BC	10.04.00

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC) BACnet Router (B-RTR)	All models

BIBBs Supported

	ReadProperty-A	DS-RP-A
	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
Data Sharing	WriteProperty-A	DS-WP-A
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B
	Change Of Value-B	DS-COV-B
	Change Of Value Unsubscribed-A	DS-COVU-A

	Notification Internal-B	AE-N-I-B
Alarm and Event Notification	Acknowledge-B	AE-ACK-B
	Enrollment Summary-B	AE-ESUM-B
	Information-B	AE-INFO-B

Scheduling	Internal-B	SCHED-I-B
	External-B	SCHED-E-B

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
	Automated Trend Retrieval-B	T-ATR-B

Device Management	Dynamic Device Binding-A	DM-DDB-A
	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-A	DM-DOB-A
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B

Network Management	Connection Establishment-A	NM-CE-A
	Router Configuration-B	NM-RC-B
	Foreign Device Registration-A	NM-FDR-A

Object Type Support

Accumulator	Analog Input	Analog Output
Analog Value	Binary Input	Binary Output
Binary Value	Calendar	Device
File	Loop	Notification Class
Program	Schedule	Trend Log

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device
MS/TP Master	9600, 19200, 38400, 57600, 115200

Networking Options

Networking Functionality	Media
Router	BACnet/IP (Annex J), MS/TP

Character Set Support

ISO 10646 (UTF-8)