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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 Product. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BI website.

Listing Information

Vendor		Listing Status
Airtek International Inc. 17 F., Suite 6, No.77, Sec. 1, Xintai 5th Rd., Xizhi, Taipei, 22101 Taiwan		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of July 2009	Revision 7 (135-2008)	February 2011

Product Name	Model Number(s)	Software Version
BACnet Building Controller	WC8846P, GC8846P, GC8846,WC-RB10, WC-RB11, WC-RB12, GC-DB01, GC-RB01, GC-RB21, GC-RB23	1.08

Device Profiles

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

BIBBs Supported

Data Sharing	ReadProperty-A	DS-RP-A
	WriteProperty-A	DS-WP-A
	ReadProperty-B	DS-RP-B
	WriteProperty-B	DS-WP-B
	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
	WritePropertyMultiple-B	DS-WPM-B

Alarm and Event Management	Alarm and Event-Notification Internal-B	AE-N-I-B
	Alarm and Event-Notification External-B	AE-N-E-B
	Alarm and Event-ACK-B	AE-ACK-B
	Alarm and Event-Alarm Summary-B	AE-ASUM-B
	Alarm and Event-Enrollment Summary-B	AE-ESUM-B
	Alarm and Event-Information-B	AE-INFO-B

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

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

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

Object Type Support

Analog Value	Binary Value	Calendar
Device	Event Enrollment	File
Notification Class		
Program	Schedule	Trend Log

Data Link Layer Options

Media	Options
MS/TP Master	9600, 19200, 38400, 76800
Ethernet	
BACnet/IP (Annex J)	Register as a Foreign Device

Networking Options

Networking Functionality	Media
Router	BACnet/IP (Annex J) - MS/TP, BACnet/IP (Annex J) - Ethernet, Ethernet - MS/TP, MS/TP - MS/TP (GC-RB23 only)

Character Set Support

ANSI X3.4 / UTF-8