BACnet is a registered trademark of ASHRAE. ASHRAE does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of listed products to the requirements of ASHRAE Standard 135 is the responsibility of BACnet International (BI). BTL is a registered trademark of BI.

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
I-Controls, Inc. R&D Center 2F, #302, I'Park 11, Jeongja-dong, Bundang-gu Seongnam-City, Gyeonggi-do 463-859 South Korea	Listed Product

Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of July 2009	Revision 4 (135-2004)	March 2012

Product Name	Model Number(s)	Software Version
Fronnix Controller – IDC702	IDC702	1.08

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC)	IDC702

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-ACK-B	AE-ACK-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
	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
	Backup and Restore-B	DM-BR-B
	DeviceCommunicationControl-B	DM-DCC-B
	ReinitializeDevice-B	DM-RD-B
	TimeSynchronization-B	DM-TS-B

Object Type Support

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)	Registers as a Foreign Device

Character Set Support

ANSI X3.4 / UTF-8