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BACnet Testing Laboratories Product Listing

BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.

Listing Information (BTL-31530)

Vendor		Listing Status
Shanghai Yuankong Automation Technology Co. Ltd. 3rd Floor, Building 4, No. 2033 Hu Song Highway Si Jing Town, Songjiang District, Shanghai China		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2024	Revision 19 (135-2016)	February 2026

Product Name	Model Numbers	Firmware version
DDC Controller	YK-BA6201, YKEMC-D01, YK-BA6204, YKEMC-D04, YKEMC-F	1.0.0

Device Profiles

Profile	Model Numbers
BACnet Application Specific Controller (B-ASC)	All models

BIBBs Supported

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

Device Management	Dynamic Device Binding-B	DM-DDB-B
	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
	Restart-B	DM-R-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Device	Multi-State Input	Multi-State Output
Multi-State Value	Network Port	

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet

Character Set Support

ISO 10646 (UTF-8)
