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-30743)

Vendor		Listing Status
Moxa Inc No. 1111, Heping Rd., Bade Dist. Taoyuan City, 334004 Taiwan		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of October 2020	Revision 19 (135-2016)	June 2021

Product Name	Model Numbers	Version
MGate 5217 Series	MGate 5217I-600-T, MGate 5217-600-CN, MGate 5217I-1200-T	1.0

Device Profiles

Profile	Model Numbers
BACnet Gateway (B-GW) BACnet Smart Actuator (B-SA)	All models

BIBBs Supported

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

Device Management	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	Router Configuration-B	NM-RC-B
	Virtual Network-B	GW-VN-B

Object Type Support

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

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)