

ProGlove Gateway Plus

WIRELESS COMMUNICATION

BLUETOOTH	Supports Bluetooth Low Energy 4.0, 4.1 & 4.2, 5.2 Transmission Range Free field: 70 m (230 ft)* Transmission Range Indoor: 30 m (100 ft)*
WI-FI	Dual band 2.4 GHz and 5 GHz IEEE 802.11 a/b/g/n/ac/ax Support of WPA3, WPA2, and WPA Bandwidth support 2.4 GHz: 20 MHz, 40MHz Bandwidth support 5 GHz: 20 MHz, 40MHz, 80MHz Transmission Range Free field 2.4 GHz: 70 m (230 ft)* Transmission Range Free field 5 GHz: 35 m (115 ft)* Transmission Range Indoor 2.4 GHz: 25 m (82 ft)* Transmission Range Indoor 5 GHz: 15 m (50 ft)*
FREQUENCY RANGE	Frequency band used BLE & Wi-Fi 2.4GHz: 2400-2483.5 MHz Frequency band used Wi-Fi 5GHz: 4900-5895 MHz; DFS Support
MAX RADIO-FREQUENCY POWER TRANSMITTED	< 20dBm

*may decrease in industrial environments (e.g. due to walls, metal shelving, machines)

CONNECTION OPTIONS

USB	USB HID (keyboard input on host) USB CDC (virtual com port) Streams API Integration Protocol via USB
ETHERNET	10/100Mbps, PoE Support IEEE 802.3af
RS232	RS-232 (serial port) with Z009-001 (Cable) Baud rate: 115200 (default), 57600, 38400, 19200, 9600 Parity: No parity (default), Even, Odd, Mark, Space Data bits: 8-Bits (default), 7-Bits, 6-Bits, 5-Bits Stop bits: 1-Stop Bit (default), 1.5-Stop Bit, 2-Stop Bits Flow Control: Hardware (RTS, CTS), Software (XON, COFF)

MECHANICAL PROPERTIES

DIMENSIONS	125 x 76 x 26 mm; 4.29 x 3.0 x 1.02 in
WEIGHT	107 g; 3.77 oz

ENVIRONMENTAL CONDITIONS

PROTECTION AGAINST DUST AND WATER	IP40 (Protective caps for unused slots included)
TEMPERATURE	Operation: -20°C – 50°C (-4°F – 122°F) Storage: -20°C – 60°C (-4°F – 140°F)
ESD	8 kV air discharge 4 kV contact discharge

CONFIGURATION & MANAGEMENT

CONFIGURATION TOOL	https://insight.proglove.com
DIGITAL DOCUMENTATION	https://docs.proglove.com/

POWER

VIA USB HOST DEVICE	Use only with Z001-001 (ProGlove USB Cable)** Supports USB 2.0, USB 3.0; (min. 500 mA @ 5V)
VIA USB POWER SUPPLY	Use only with Z003-000(EU)/Z003-002(INT) (ProGlove Power Supply) and Z001-001 (ProGlove USB Cable)**
VIA RS232 POWER SUPPLY	Use only with Z003-000(EU)/Z003-002(INT) (ProGlove Power Supply) and Z009-001 (ProGlove Power Cable)** and Z009-002 (ProGlove RS232 Cable)
VIA PoE (Power over Ethernet)	Use only with Z009-000 (ProGlove Ethernet cable with PoE)

**Use the provided power supply and cables only. Using any other type of AC power supply is prohibited.

WARRANTY & SLA

WARRANTY	12 months factory warranty
PROGLOVE CARE	36- and 60-months maintenance contracts available. For more information, please contact your ProGlove representative or visit https://proglove.com

SAFETY & REGULATORY

RADIO AND ELECTROMAGNETIC COMPATIBILITY	EU: 2014/53/EU Radio Equipment Directive (RED) Contains IC: 216Q-9019 Contains FCC ID: T7V9019
ELECTRICAL SAFETY	EU: acc. to 2014/53/EU Radio Equipment Directive (RED) EN 62368-1:2014 + A11:2017 INTERNATIONAL: IEC 62368-1:2014 US: UL 62368-1, 2 nd Ed, 2014-12-01 and CAN/CSA C22.2 No. 62368-1-14
ENVIRONMENTAL	RoHS Directive 2011/65/EU; Amendment 2015/863, REACH SVHC 1907/2006, WEEE

COUNTRY APPROVALS

Regulatory markings are affixed to the device, indicating that the radio modules are approved for use in the following regions: European Economic Area*, Canada, United States of America, Australia, New Zealand, Japan.

Detailed information on the regulatory markings can be found in the Declaration of Conformity (DoC) at www.proglove.com

*CE is valid in the European Economic Area and additional countries: Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom, Iceland, Liechtenstein, Switzerland and Norway.