

Appendix B Reference

Appendix B.1. Specifications



ProtoNode FPC-N54 ¹	
Electrical Connections	R1: One 3-pos terminal block: RS-485 (+ / - / GND) R2: One 3-pos terminal block: RS-485 (+ / - / GND) Power: One 3-pos terminal block: Power port (+ / - / FG) One Ethernet 10/100 BaseT port
Power Requirements	<i>Input Voltage:</i> 12-24VDC or 24VAC <i>Current draw:</i> @ 12V, 240 mA <i>Power Rating:</i> 2.5 Watts
Approvals	CE and FCC Class B & C Part 15, UL 60950, WEEE compliant, IC Canada, RoHS compliant, PTCRB and CTIA
Power Requirements	12-24VDC or 24VAC
Physical Dimensions	4 x 1.1 x 2.7 in (10.16 x 2.8 x 6.8 cm)
Weight	0.4 lbs (0.2 Kg)
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10-95% RH non-condensing
Specifications	

“This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his expense.

Modifications not expressly approved by Sierra Monitor could void the user's authority to operate the equipment under FCC rules.



The BTL Mark on ProtoNode is a symbol that indicates that a product has passed a series of rigorous tests conducted by an independent laboratory which verifies that the product correctly implements the BACnet features claimed in the listing. The mark is a symbol of a high-quality BACnet product.

Go to www.BACnetInternational.net for more information about the BACnet Testing Laboratory. Click [here](#) for the BACnet PIC Statement.

¹ Specifications subject to change without notice.