

This end-cap RFID reader can operate in rugged conditions at both short ranges or at ultra long ranges and provides unrivalled mobility solutions.

This active RFID end-cap reader for Psion Teklogix Workabout Pro G2 is a powerful, robust and cost-effective mobile tool for active RFID asset management. It has the advantages of quick and easy installation, plug and play capability, allowing for simultaneous use of multiple other expansion modules, user's choice of out-the-box or customized applications to process detected tag data. The end-cap reader can operate in rugged conditions at both short ranges or at ultra long ranges and provides unrivalled mobility solutions for customers seeking to identify, locate or audit tagged assets outside of areas monitored by fixed RFID reader networks.



Key Features

- ✓ Powerful, robust and cost effective
- ✓ Quick and easy installation
- ✓ Standard range and long range models available
- ✓ Allows for simultaneous use of multiple other expansion modules
- ✓ Allows combination with GPRS, GSM, Wi-Fi and Barcode expansion modules on a single unit
- ✓ Signal Strength information is reported with every tag
- ✓ Housed in a standard, approved Psion Teklogix end-cap

Technical Specifications

Radio Frequency

Receive Frequency	433.92 MHz
Modulation	ASK
Stability	20 ppm over -10 °C to 60 °C
Sensitivity	-70 dBm (preliminary)
RF Input (214041 only)	50 Ohm SMC (female)

Read Range	model: A	model: B
	70 m	15 m

Electrical

Supply Voltage	± 5 V DC
Max. Current Consumption	< 15 mA
ESD Protection	2 kV Human Body Model

Physical

Size (excl. ext. antenna)	100 mm x 60 mm x 30 mm (approx)
Weight (unit)	65 grams
Color	Black
Material	ABS
Connections	Molex Psion Teklogix USB SMC connector (Model A only)

Environmental

Operating Temperature	-40 °C to 75 °C
Storage Temperature	-40 °C to 85 °C
Humidity	5% to 90% (non condensing)
Operating System	This unit is only compatible with G2/G3 that operate mobile. It is not CE compatible.

Supply Accessories

External Antenna (Model A only) 433 MHz ¼ Wave Whip



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