

AV-X: HF RFID Reader for the Workabout Pro



The AV-X HF Mobility Reader module is a low profile, small footprint integrated attachment for the Psion Teklogix WorkAbout Pro line. Add RFID to your handheld without any clunky external attachments which can be knocked off. The AV-X provides plug and play HF RFID mobility where a rugged mobile solution is required. The multi-protocol read/write module includes an API and powerful demonstration tools for integrators.

MULTIPLE RADIOS - SINGLE DEVICE

This reader is ideal for applications where multiple radios are needed in a single device. Add HF RFID while preserving the ability to use related network components such as barcode, WWAN radio, GSM, GPRS, CDMA or GPS.

NEW! HF Enabled Sensors

- Compatible with the Melexis EVB 90129 sensor evaluation board
- Compatible with the Melexis 90129 sensor transponder IC for all resistive sensing requirements

Related Products:

Ask for the ST-KF1 temperature sensor tag



System Integrator Starter Kit includes:

- Insert your logo in ready-to-use demonstration tools
- Universal Application Programming Interface (API) helps developers interface between applications and Proxima RF RFID modules
- Assortment of RFID demo tags

HF RFID is the best choice for people, assets or inventory:

- Challenging high moisture environments or products
- Increased tag data storage needs
- Hospital environments to meet HIBCC ANSI 4.0 emission guidelines
- Assured proximity read accuracy required

Tag Support:

Compatible with all ISO 15693 tags, ISO 14443B tags using CryptoRF protocols and MLX90129 Sensor Tags.

Specifications:

Regulatory	FCC/IC certified	Operating	-4°F to 158°F
	RoHS compliant	Temperature	(-10 °C to +60 °C)
Read Range	Up to 5" or 125mm, tag dependent	Antenna	Internal
RF Frequency	13.56 MHz	RF data rate	36kbps (ISO15693)
Current	0mA sleep, <20mA idle	Host Interface	RS-232 3.3V logic (22 pin scanner connector)
Consumption	and <95mA scanning	Customization	End cap reader on request
Input Voltage	3.3V and 5V	Installation	Factory installation option