



## XM2-RFID for Rail

### Impressive Design. Unmatched Performance.

As enterprise and government customers look for new ways to improve operational efficiencies and gain meaningful business intelligence data, Radio Frequency Identification (RFID) technology has re-emerged as an attractive and viable option. Organizations across industries, including retail, transportation and logistics, manufacturing, consumer electronics and defense are turning to RFID-enabled solutions to track goods in the supply chain, reduce counterfeiting and improve the customer experience. Janam's XM2-RFID Series mobile computers are highly rugged and integrated RFID handheld readers for all-day, every-day use in challenging environments. With best-in-class RFID read range and accuracy, the XM2-RFID Series is ergonomically designed to deliver businesses-critical enterprise features to the palm of the hand.

### Extending the Benefits of RFID.

The XM2-RFID Series of mobile computers are fully-featured to provide the power and performance required by mobile workers. Offering a range of options to allow businesses to deploy the device that best meets their needs, the XM2-RFID Series is equipped with a brilliant 3.2 inch color display, 2D imager for instant decoding of the hardest-to-read barcodes and support for Microsoft's Windows Embedded Handheld 6.5 operating system.

Janam's XM2-RFID for Rail allows rail and intermodal companies to track and monitor equipment effectively and is specially designed to read industry-leading Automatic Equipment Identification (AEI) RFID tags required on all railcars in North America. Lighter and more affordable than competitive solutions, the XM2-RFID for Rail can read and capture data from these tags faster and more accurately than any other device of its kind and offers all-day battery performance for uninterrupted use in the field.

### The right features. The right price.

- » Small and light - only 13.0 ounces with battery
- » Brilliant 3.2 inch color display
- » High performance barcode scanning
- » Freescale™ i.MX ARM 9 CPU
- » Multiple 4'/1.2m drops to concrete
- » Sealed to IP64 standards
- » 128MB/128MB with expansion capability
- » 802.11b/g/n Wifi and Bluetooth
- » 2880mAh battery



# XM2-RFID for Rail specifications



## TECHNICAL

Operating System	Microsoft® Windows® Embedded Handheld 6.5
Processor	Freescale i.MX ARM 9 CPU
Memory	128MB RAM/128MB NAND Flash, Optional 256MB RAM/256MB Flash
Expansion	User-accessible microSD card slot
Power	2880mAh rechargeable Li-ion battery

## PHYSICAL

Dimensions	5.8" H x 2.9" W x 1.0" L / 148mm H x 73mm W x 25.4mm L
Weight	13oz / 370g including battery
Keypad	Numeric
Display	3.2" QVGA with LED backlight
Touch Panel	Resistive touch screen

## ENVIRONMENTAL

Operating Temperature	-4° to 122° F / -20° to 50° C
Storage Temperature	-22° to 158° F / -30° to 70° C
Humidity	5% to 90% RH (no condensation)
Drop	Multiple 4ft / 1.2m drops to concrete on all sides across a wide temperature range
Water & Dust	IP64
Tumble	250 3.2' (1m) tumbles (250 drops)
Electro Static Discharge (ESD)	+/- 15kVdc air; +/- 8kVdc contact
Sterilization	76.9% to 81.4% concentration alcohol rub

## INTERFACE FEATURES

Communication Port	Industrial connector
Audio	Speaker and Microphone
Alerts	Vibration; LED indicators; audio beep
LED Indicators	Tri-color
Scan Triggers	Left, right, center buttons

## DATA CAPTURE

RFID	Reads industry-standard Automatic Equipment Identification (AEI) RFID tags
Imager	Motorola SE4500 1D/2D CMOS

## WIRELESS COMMUNICATION

WLAN	802.11b/g/n
Security	WEP (40 or 128 bit); TKIP; AES; WPA2-PSK; WPA-PSK; WPA2 (EAP-TLS, EAP-PEAP)
WPAN	Bluetooth v2.1 with EDR

## MOBILE APPURTENANCES

Compass	API-addressable compass for applications
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## ACCESSORIES

	Single-slot USB/Serial cradle kit
	Cradle Cup kit