

MOTOTRBO R5 contactless solutions

Keep track of what's important





The MOTOTRBO™ R5 contactless solution provides a passive RFID or NFC tag that doesn't add any cumbersome fittings or increase the size of the radio. The tag type and placement have been specifically selected and tested to ensure they cause no interference to, or impact on, the performance of the radio. Each tag has a unique identification number built in, allowing the radio to be tracked and managed. The tags are supplied with an identifier label that can be attached to the R5 so users can easily see if their radio is fitted with an RFID or NFC tag.

Contactless technology uses radio waves to identify individual assets, allowing users to benefit from features such as asset tracking, inventory management, and personnel identification. These cost-effective ID-tracking tools help manage loss prevention, streamline operations, boost productivity and enhance safety protocols.

Identifier label shows
RFID or NFC tag is fitted



Boost efficiency In tracking and loss prevention

Managing a large fleet of devices is time-consuming and fraught with human error. Manual recording, weathered barcodes and busy work days can cause delays and mistakes, leading to untracked devices and wasted investment. RFID tags help keep track of radios out in the field and upon return, allowing a quick scan of multiple devices at once.

Shift change delays affect workflow and morale, slowing productivity and putting undue pressure on management. Contactless technology reduces this operational downtime as employees can quickly check out their R5 device from the inventory pool, then re-scan to check back in when shift has ended.

Enhance safety standards

The R5 arms security personnel with reliable, integrated tools to help stay focused and connected in dynamic environments. RFID & NFC tags enhance this commitment, providing a user-friendly solution to patrol and access control. Simply hold an R5 against a checkpoint along the patrol route to verify route followed, transmit a status to a centralized unit, or scan the R5 to gain access to a restricted area.

Integrated solutions

Motorola Solutions safety ecosystem connects products to automate processes, removing the burden from workers so they can focus on their tasks, not on the technology.

The contactless-enabled R5 radio can be used to touch assign a VB400 body-worn camera to a specific user, so communications and video footage can be attributed to the individual.



	RFID	NFC
GENERAL SPECIFICATIONS		
Part Number / Description	PMLN8673 R5 US RFID tag kit	PMLN8671 R5 NFC tag kit
ENVIRONMENTAL		
Operating Temperature	-20°C to +60°C	-30°C to +60°C
Storage Temperature	-20°C to +85°C	-30°C to +85°C
Thermal Shock	Per MIL-STD	
Humidity	Per MIL-STD	
Drop Height	1200 mm	
IP Rating	IP67 (waterproof up to 1 m for 30 mins)	
RF SPECIFICATION		
Frequency Range	902 – 928 MHz (US)	13.56 MHz
Read Range ¹	300 mm (by application)	20 mm, parallel to center of reader
Protocol	EPC Class 1 Gen 2v2	NFC Forum - Type 5; Standard - ISO15693
REGULATORY		
RED EMC/RF	EN 302 208 V3.3.1; EN 301 489 -3 V2.2.3	EN 300 330 V2.1.1; EN 301 489 -3 V2.2.3

¹Depending on reader

To learn more, visit: www.motorolasolutions.com/R5



These models available in Motorola Solutions NA and LACR regions.
Availability varies and is subject to individual country law and regulations.

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