

PATRIOT SERIES

LONG RANGE RFID READERS

Discover superior security and seamless access control with our RFID Patriot Series. Whether it's securing your commercial property, managing gated access, or enhancing operational efficiency...

Our RFID Patriot Series products feature a broad operating frequency, robust/weather-resistant housings, and high compatibility with various communication protocols. Exceptional read ranges cater to various scenarios, while large user storage and real-time processing provide you with the control and adaptability you need. **Each product in the Patriot Series is designed with user experience in mind**, offering features like LED indicators, built-in relays, and software-adjustable parameters to cater to your unique requirements.



Residential and Commercial Solutions



PATRIOT SERIES



Part Numbers:

- PATRIOT-E
- PATRIOT-L
- PATRIOT-SR

Email or Call to Order

WARRANTY EMX INC. the product described herein for a period of 1 year under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 3 11/01/2023





SHORT RANGE

Patriot RFID Readers

FEATURES	PATRIOT E	PATRIOT L	PATRIOT SR
TX / RX Frequency	902-928 MHz	902-928 MHz	902-928 MHz
Max RF Power	30dBm (1 Watt)	30dBm (1 Watt)	25dBm
Average Read Range (site and tag dependent)	18-25 feet	18-25 feet	Up to 7 Feet
Antenna	Circular Polarized 7.5 dBi (Gain)	Linear 10dBi (Gain)	Circular Polarized 4dBi (Gain)
LED Indicator	Yes	Yes	Yes
Sounder Indicator	Yes	Yes	Yes
Supply Voltage	9-48VDC	9-48VDC	9-30VDC
Included Power Supply	110/240AC to 12VDC	110/240AC to 12VDC	-
Included Mounting Bracket	Yes	Yes	-
Max Current	1.82 A max @ 5vDC, 470mA 5vDC in standby (trigger mode)	1.82 A max @ 5vDC, 470mA 5vDC in standby (trigger mode)	500mA max @ 5vDC, 200mA 5vDC in standby (trigger mode)
Adjustable read range	Yes	Yes	Yes
Outputs to Controller			
Wiegand	Yes	Yes	Yes
RS-232	Yes	Yes	Yes
Relay Contact	Yes	Yes	
RS-485 / OSDP	Yes	Optional	
Communication Options for Reader Configuration			
RJ45 Ethernet Connector	Optional	Optional	
WiFi	Optional	Optional	
Reader Capability			
Standard Credential Tags	Window Tag, Hang Tag	Window Tag, Hang Tag	Window Tag, Hang Tag
Bluetooth Credential Capable	Optional	Optional	Optional
★ Extra Feature	Ability to Store up to 500 Authorized Tag Numbers (5 site codes and 100 tags per site) in reader for access control without a door controller.	Ability to Store up to 500 Authorized Tag Numbers (5 site codes and 100 tags per site) in reader for access control without a door controller.	-
Arming Input Capable	Yes	Yes	Yes
FCC Approval	Part 15	Part 15	Part 15
Operational Temperature	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Size	8.78" x 7.87" x 2.36"	9.45" x 9.45" x 3.82"	4" x 4" x 1.2"
IP Rated	YES-IP65	YES-IP65	YES-IP65