

Printer Reader Specification

CHARACTERISTIC	DESCRIPTION	
Physical		
Dimensions	Height 8.75" x Width 11.75" x Depth 2"	
Weight	~ 6 pounds	
Base Material(s)	Aluminum, Silver; Die-cast	
Visual Status Indicators	LEDs for Power (Green), Activity (Yellow) and Error (Red)	
Connectivity		
Network	RS422/485 10BaseT Ethernet RS232 Console (Management) Control I/O Port (6) (User programmable)	RJ45 RJ45 DB9 DB15
RF Connectors	1.0/2.3 DIN Jack	
Read Points (Channels)	4 (4 Transmit and 4 Receive) 2 or more can be combined into one logical read point	
Power Supply	+24vDC @ 1.2 amps	
Environmental		
Environmental Sealing	IEC 529 IP54	
Temperature	IEC 60068-2-1/2/14	Operational: 0° to +55° C (+32° to +131° F) Storage: -20° to +70° C (-4° to +158° F)
Humidity	IEC 60068-30/56	5-95% Non-condensing
Vibration	IEC 60068-2-6	
Compliance		
Safety	EMI/RF Emissions	
Regulatory	Region 1, FCC Part 15	
Operational Features		
Frequency	UHF band, 902-928 MHz	
Method	Frequency Hopping Spread Spectrum (FHSS)	
Power Output	Up to 30 dBm (only 1 Watt Part 15)	
Air Link Protocol	EPCglobal: Class 0, Class 0+	
Tag Communication	Interleaved	
Tag Buffering	Local	
Synchronization	Network Time Protocol	
IP Addressing	Static and Dynamic	
Host Interface Protocols	XML and Byte Stream	
Network Management		
Protocol	SNMP	
Configuration	Via Setup Wizard	
Event Management	Auto Reported Events User Controlled Thresholds, Damping and Filtering	
Administrative Management	Security/Privilege Controls, Change Traceability	
Tag Management	ID-based Selection Ability User-defined Association to Tag IDs Taglist Management Features for Reconciliation and Visibility	