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 Transmit and 4 Receive) or more can be combined into one logical read point		
Power Supply	+24vDC @ 1.2 amps		
Environmental	T	1	
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		