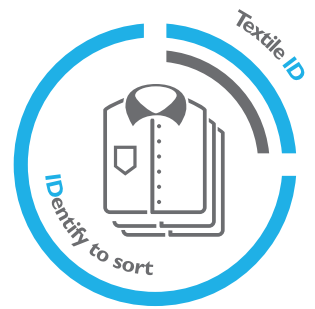# UHF MULTI-CHANNEL 4-PORT READER WITH ANTENNA

Product Description

A low profile, high-performance, 4-port reader with Ethernet that allows for flexible installations.

This multi-channel reader is comptatible with both corporate IT infrastructures and sheltered outdoor environments, making it an easy choice for your industrial laundry business. Available with a 12 inch (30 cm) UHF antenna.

Our newest line of UHF microchips delivers read ranges up to ten feet (or three meters) without requiring a direct line of sight. Our UHF solutions can offer RFID to industrial laundries for a lower capital investment than what is typically expected from RFID, and offers better long term ROI than conventional ID systems. We offer customizable, modular UHF portal solutions at the industry's most reasonable price levels and offer consulting services for tailored systems to ensure you reap the benefits from the industrial fabrication expertise you already have in-house.

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UHF MULTI-CHANNEL 4 PORT READER WITH ANTENNA

Technical Data

Multi-Channel 4-Port Reader

Tag Protocol:	EPCglobal Gen2 (ISO 18000-6C) with DRm
Frequency:	FCC 902-928 mHz (Americas) ETSI 865.6-867.7 mHz (EU)
Connectors:	RJ45 10/100 Base-T Ethernet interface
External DC Power (optional):	10-30 VDC supply voltage; 15W max
Power Over Ethernet:	Power over Ethernet 802.3af in both modes A and B (supports 100m cable)
Operating Temperature:	-4°F - +122°F (-20°C - +50°C)
Dust & Water Immunity:	IP52
Maximum Read Rate:	Over 400 tags/second
Maximum Read Distance:	Over 30 feet (9 meters)
Networking:	Cisco-certified DHCP & DNS-based configuration and firmware management, TCP/IP networking stack
Security:	SSL/SSH-based security
Web-based Applications:	Configuration and monitoring from a browser; HTTP/HTTPS
Direct Communication:	EPCglobal Low Level Reader Protocol (LLRP) v.1.0.1
Host API:	Java, C, .NET
Warranty:	1 year

12 Inch (30 CM) Antenna

Frequency Range:	865-960 MHz
Gain:	8.5 dBic (min), 9.5 dBic (max)
3 dB Beamwidth:	65° (typ)
Polarization:	RHCP
Maximum Input Power:	6 Watts
Dimensions (L × W × D):	12'' × 12'' × 0.98'' (30.5 cm × 25.9 cm × 3.35 cm)
Connector:	n-Type Female
Water Tightness:	IEC 529, IP54
Dust Resistance:	IP54