

# MPR-8018QN Smart Network Reader/Encoder

*The smart choice for bringing RFID intelligence to your operations*

**AWID**  
Power of RFID

Every RFID reader can read. The MPR-8018QN Smart Network Reader/Encoder from AWID can also think. It not only reads UHF RFID tags from up to four different antennas, it works as an edge server by filtering and processing tag data. The MPR-8018QN is a smart choice because adds intelligence to the edge of your network without requiring a separate device.

Take advantage of the built-in intelligence to add sense-and-respond capabilities to all kinds of operations. The MPR-8018QN has an IP 66 weatherproof enclosure so it can be used almost anywhere, indoors or out. It provides long-range reading (25 feet/7.6 meters) and writing (approximately 15 feet/4.5 meters) for EPCglobal Gen 2/ISO 18000-6 standard UHF tags.

## Features

- Embedded smart edge server for easy data collection and filtering
- Four antenna expansion ports for extra coverage
- Host interface – TCP/IP Ethernet, RJ45 connector
- Low power consumption
- Multi protocol capability including ISO 18000-6 B/C and EPC Gen 2
- Easy communications protocol for application development



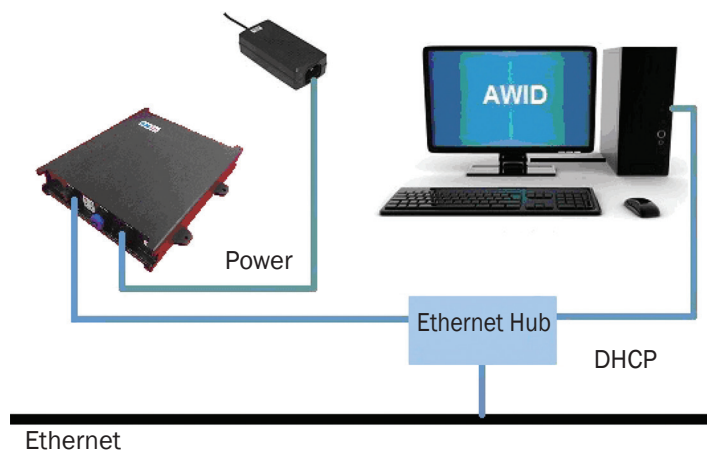
The MPR-8018QN integrates with networks and other devices via TCP/IP Ethernet and RJ-45 connectors and comes with an easy-to-use communications protocol so you can create your own tag data management instructions and read/write applications.

The MPR-8018QN is the smart choice for building RFID-based intelligence into business operations.

## Specifications

Frequency	902~928 MHz, frequency hopping
RF power	Up to 3 Watt max
Read range	25 ft (7.6 m) – tag and antenna dependent
Protocols	EPC C1G2, ISO 18000-6 B/C
Antenna port	4 RP-TNC connector (VSWR < 1.15)
Communications interface	TCP/IP Ethernet, RJ45 connector
Power requirements	12VDC 30 Watt
Operating temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Weight	3.6 lb (1.63 kg)
Protection class	IP 66 Weatherproof

## Sample Connection



## Mechanical Drawing

