

Industrial Wireless Ethernet with IEEE 802.11 a,b,g,n

N-Tron's 702-W and 702M12-W Industrial Wireless Ethernet Radios offers unprecedented throughput in industrial wireless applications. IEEE 802.11n support allows these radios to utilize three antennas and Multiple In, Multiple Out (MIMO) technology for increased throughput. N-Tron's wireless devices also support 802.11a/b/g compatibility for existing wireless networks. The radios can be configured to operate as a wireless Station, Station WDS, Access Point, or Access Point WDS and will operate in either Bridge or Router mode within the network. Configured as a mobile station, the wireless device roams from one access point to another as signal strength becomes too weak or service becomes interrupted. Power over Ethernet (PoE) technology allows the 702-W or 702M12-W to receive power through the Cat5e cable from a PoE sourcing device such as N-Tron's 105TX-POE Switch. Network deployments are much easier using wireless and PoE technology because only one Cat5e cable is required. The 702M12-W's IP67 rated enclosure with M12 connectors provides complete protection against dust, water jets and temporary immersion in water making it ideal for outdoor, wash down, or extremely dusty environments. All are UL listed for use in Class I, Division 2 Hazardous locations.



702-W

- One 10/100BaseTX RJ-45 Port
- Three Antennas for 3x3 MIMO Operations
- 802.3af PoE Powered Device
- Case Dimensions (4.8" h x 7.0" w x 1.2" d, 1.9 lbs.)
- -40°C to 70°C Operating Temperature
- Web Browser Management
- Data Rates: Legacy 802.11a/b/g = 1-54Mbps
802.11n = up to 300Mbps
- Network Modes: Bridge or Router
- Wireless Modes: Station, Station WDS, Access Point, Access Point WDS
- Range: Indoor greater than 300m*
Outdoor greater than 60km*
- Security: 802.11i with AES-CCM & TKIP Encryption
802.1x, 64/128 bit WEP
- Redundant Power Inputs 20-49 VDC, 200mA @ 24V
- Order Part #702-W

702M12-W

- One 10/100BaseTX M12 Port
- IP67 Rated Enclosure - Protected Against Dust, Low/High Pressure Water Jets and Temporary Immersion in Water
- 802.3af PoE Powered Device
- Case Dimensions (6.7" h x 6.7" w x 1.8" d, 3.5 lbs.)
- -40°C to 70°C Operating Temperature
- Web Browser Management
- Data Rates: Legacy 802.11a/b/g = 1-54Mbps
802.11n = up to 300Mbps
- Network Modes: Bridge or Router
- Wireless Modes: Station, Station WDS, Access Point, Access Point WDS
- Range: Indoor greater than 300m*
Outdoor greater than 60km*
- Security: 802.11i with AES-CCM & TKIP Encryption
802.1x, 64/128 bit WEP
- Redundant Power Inputs 20-49 VDC, 200mA @ 24V
- Order Part #702M12-W