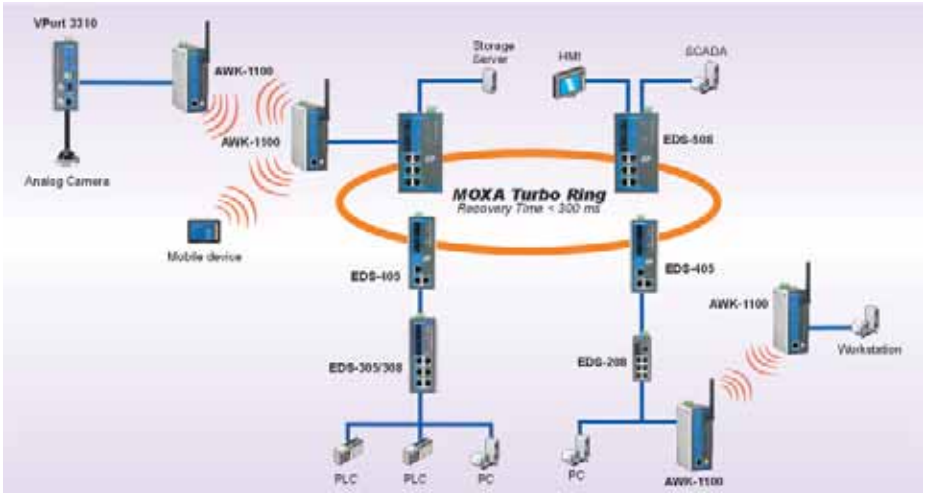


## Getting un-Wired with IEEE 802.11



### Benefits of using Wireless

- Flexibility  
Wireless networks work anywhere, anytime.
- Easy Deployment  
Wireless networks are ideal for those hard to wire areas.
- High Performance  
Wireless networks have the bandwidth and safeguards needed to keep essential applications running continuously.
- Cost Effective  
Wireless networks can be installed quickly, and help reduce the cost of cabling and maintenance.

## Optional Accessories

### IEEE 802.11g/b Omni & Directional Antennas

Model	Descriptions
ANT-1-O-09	2.4 GHz, omni-directional, 9 dBi Antenna, N-Female connector
ANT-1-D-12	2.4 GHz, directional, 12 dBi Antenna, N-Female connector
CRF-N0117SA-3M	CFD200 cable, N-Male to RP SMA Male connector, 3 meters
HA-1002SU	Swivel Mounting Kit, swivel angle 90° horizontal, 40° vertical



ANT-1-O-09



ANT-1-D-12

- \* The cable is necessary for AWK-1100 to connect with optional antenna
- \* The mounting kit is recommend for supporting the ANT-1-D-12 to adjust the angle to adapt to different wireless applications

## AirWorks 1100 Series

### Industrial IEEE 802.11g Wireless AP/Bridge/AP Client



#### Industrial Design, Maximum Security

- IEEE 802.11g/b compliant
- Power input by **redundant** 24 VDC power inputs or Power-over-Ethernet
- **Powerful security** with WPA/802.1X/MAC address filtering
- **DIN-Rail** mounting ability
- Case design meets **IP30** protection standard



#### IEEE 802.1X / RADIUS

When the AWK-1100 is in AP/Bridge mode, it can be configured to authenticate wireless users and distribute encryption keys dynamically by IEEE 802.1X Port-Based Network Access Control and RADIUS.

#### Redundant Power Inputs

AWK-1100 provides two power inputs that can be connected simultaneously to live DC power sources.

#### WPA (Wi-Fi Protected Access)

AWK-1100 supports the WPA standard proposed by the Wi-Fi Alliance. Both WPA-PSK (Pre-Shared Key) mode and full WPA mode are supported. WPA is composed of TKIP and IEEE 802.1X and serves as a successor to WEP for better WLAN security.

## Ordering Information

Model	Media	TP Ports
AWK-1100-EU		1
AWK-1100-US		1

- \* US: US band/Channel (1-11)
- \* EU: Euro band/Channel (1-13)
- \* TP (Twisted Pair): 10/100 BaseT(X), RJ45
- \* All models are available with operating temperature from 0 to 60°C.

