

Item no.: 385472

## AWK-3131A-M12-RTG-US-T - 802.11n railway onboard indoor single radio access point/client, M12, US band, IP

from **1.213,61 EUR**

Item no.: 385472  
shipping weight: 1.00 kg  
Manufacturer: MOXA



### Product Description

Moxa Industrial Rail Onboard Indoor Single Radio, 802.11n Access Point/Client w/ M12/QMA, US band & IP30 (extended temperature model)

**Description/Introduction**  
The AWK-3131A-RTG 2-in-1 industrial AP/client devices are designed specifically for train-to-ground communication and can perform reliably even when the trains reach a speed of 120 km/h. The AWK-3131A-RTG complies with a portion of EN 50155 specifications, covering operating temperature, power input voltage, surge, ESD, and vibration, making the AWK-3131A-RTG suitable for a variety of industrial applications. Installation is easy, with either DIN-rail mounting or distribution boxes, and the DIN-rail mounting capability, wide operating temperature range, and IP30 housing with LED indicators make the AWK-3131A-RTG a convenient yet reliable solution for any rolling stock application.

**Advanced Security**  
64-bit and 128-bit WEP (Wired Equivalent Privacy)  
Enable/disable SSID broadcasts  
WPA/WPA2 (Wi-Fi Protected Access) and 802.11i support  
IEEE 802.1X/RADIUS support

**Powerful filters for access control**  
Designed for Train-to-Ground Applications  
Client-based Turbo Roaming handover time < 150 ms @ 3 channel with WPA2  
Controller-based Turbo Roaming handover time (available only when used with the WAC-1001 or WAC-2004) < 50 ms @ 3 channels with WPA2  
Multiple roaming parameters for different installation structures and antenna types

**Features**  
- IEEE 802.11a/b/g/n compliant  
- M12 anti-vibration connectors  
- SC optical fiber connection  
- QoS (WMM) and VLAN for efficient network traffic  
- Controller-based Turbo Roaming (less than 50 ms)  
- Complies with all EN 50155 mandatory test items  
- Wide-temperature models available for -40 to 75°C environments

### Specifications

Scan this QR code to  
view the product  
All details, up-to-date  
prices and availability

