

## Smartlink - Vehicle Client

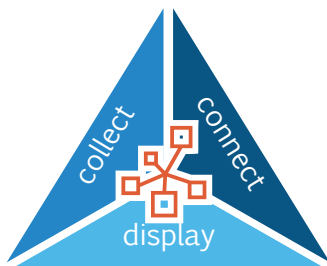
The Smartlink Vehicle Client is designed to quickly and easily add WIFI connectivity to any Ethernet equipment inside a vehicle or moving equipment.

Ready to use standalone, requiring no external software or drivers, The Smartlink Vehicle client dramatically reduces costs, shortens time to market and guarantees the sustainability of your device when used in combination with custom equipment requiring WIFI connectivity. Its long-term availability will ensure solid returns from the initial investment.

In addition, The Smartlink Vehicle client is an extremely compact state-of-the-art solution and supports WIFI access point, client, repeater & MESH point modes. These functions can be operated simultaneously. The Smartlink Vehicle client offers advanced security features including 802.11i (EAP authentication with Radius server/WPA/WPA2 Enterprise), tunnels with fully encrypted data, firewall and VLAN.

Its built-in 802.11n 2T2R radio reaches 300 Mbps and carries any kind of Ethernet based protocols such as UDP, TCP, Profinet, Modbus/TCP, Safe Ethernet, Ethernet IP...

The Smartlink Vehicle Clients fast roaming feature (<30ms) makes it ideal for any kind of mobile applications such as AGVs for example.



### Specifications

**Ethernet interface:**

1-port Ethernet 10/100 Base TX autosensing, auto MDI/MDIX cross-over.

**WIFI Network:**

1 radio IEEE 802.11a/b/g/n, MIMO 2T2R, 2.4 / 5 GHz, ANI (Adaptive Noise Immunity)

**Output power:**

2.4 GHz: up to 23.5 dBm (aggregate) / 5 GHz: up to 21 dBm (aggregate)

**Sensitivity:**

Receiver: -92 dBm for 802.11 b/g/n and -96 dBm for 802.11a/n

**Security:**

Firewall, DoS, https, MAC filtering, WPA/WPA2-Personal & Enterprise (IEEE 802.1X/RADIUS), WEP, tunnels L2 (GRE), VPN (OpenVPN), SNMP V3

**Administration:**

Built-in WEB interface, SNMP agent (V1, V2C, V3), NDM & Wave Manager administration software

**Power supply:**

12 – 24 VDC 2.9 Watts typical, 7.6 Watts maximum

**Standards:**

Module CE and FCC (FCC ID: Z9W-RMB) certified

### Features

- Ready to use standalone, requiring no external software or drivers
- Long-term availability
- Dual band 2T2R WIFI 802.11a/b/g/n, up to 300 Mbps radio data rate
- Simultaneous AP and client/repeater/Mesh modes
- Seamless roaming for mobile applications
- State-of-the-art advanced security
- Easy to use web-based configuration, SNMP V3

V1/03/2020