Why choose the RT-XLAN?

Superior range communication

/ The RT-XLAN radio unit is an extremely powerful, long range WLAN solution for multiple vehicle data communication. It is capable of reliably improving the data communication throughout the range and also extending the communication distance between vehicles to up to 1 km line-of-sight.

Easy mounting

/ The powerful suction cup (included) ensures that the RT-XLAN can be mounted quickly and securely onto almost all types of vehicles.

Easy connection to RT Range ADAS systems

/ The RT-XLAN is suitable for upgrading standard RT-Range systems by using a converter cable. Using the RT-XLAN will significantly extend the range and integrity of the data measurements throughout your ADAS test. The radios are RoHS compliant, FCC approved and licence free for most countries.

What is the RT-Range S and RT-Range?

/ The RT-Range S and RT-Range is a system that can measure the range from one vehicle to other vehicles in real-time and output its measurements on the CAN bus. It is used for the development and validation of Advanced Driver Assistance Systems (ADAS).

Applications

/ For RT-Range ADAS testing solutions

/ Multiple vehicle communication

/ Long range intelligent headlight testing

/ Forward Collision Warning (FCW)

/ Connected driving

/ AEB EuroNCAP testing

/ Blind Spot Detection (BSD)

/ Adaptive Cruise Control (ACC)

RT-XLAN

Comprehensive ADAS testing solutions

The RT-XLAN is a high performance WLAN radio unit capable of providing a highly reliable >1 km vehicle-to-vehicle data communication link between multiple vehicles.

Suitable for use on OxTS ADAS testing solutions.

Key features

/ 1 km range line-of-sight

/ <10 ms RMS latency

/ Robust, weatherproof design

/ Powerful suction cup for fast and secure mounting on a wide range of vehicles

/ Wide temperature range

/ Highly reliable

/ 2.4 GHz or 5 GHz available

Specifications

Input voltage	up to 24 V dc	Wireless LAN delay	<10 ms RMS
Power	~7 W	Shock and vibration	ETSI300-019-1.4
Power method	Passive Power over Ethernet	RoHS compliance	Yes
Operating temperature	-40° C to 80° C | Suction Mount restricted to -10° C to 45° C	Dimensions	152.5 cm x 15 cm Ø (RT-XLAN unit, antenna and mount) 37.2 cm x 3.7 cm Ø (RT-XLAN unit, including antenna)
Operating humidity	5 to 95 % condensing	Mass	~0.24 kg (RT-XLAN and antenna) ~1.08 kg (total including mount)
Wireless LAN radio range	1 km line-of-sight		

For further information please contact OxTS or your nearest channel partner.

OXTS Inertial+GNSS

Oxford Technical Solutions Ltd
United Kingdom

sales@oxts.com

The inertial experts since 1998
www.oxts.com

OXTS Inertial+GNSS