

WIRELESS DATA LINK MULTI-GIGABIT ETHERNET TRANSMISSION

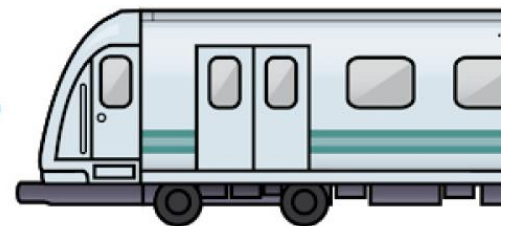


NEW WIRELESS LINK FOR NEAR FIELD COMMUNICATION

The system enables wireless Ethernet full-duplex connections between vehicles and transfer data to and from various platforms and control systems. The devices offer high security due to 60 GHz dynamic beam microwave technology. Mechanical structure and mounting are offered according to required operation and installation environment.

BENEFITS

- Wireless, no cables needed
- Ultra fast
- Secure
- Reliability
- Flexibility



The new revolutionary gigabit link enables fast data connection between train cars. The communication connections are usually made by expensive cable and switch combination. The same transmission link can be used in train to <--> from ground transmission in places like metro stations.



INNOVATED FEATURES

- 3G, 4G and Wi-Fi connectivity as well as a robust design that is especially suited to public transportation environments
- Data transfer with superior error tolerance
- High performance capacity for transmitting, e.g. full HD video
- Scalable and modular architecture that can easily be tailored to specific requirements
- All-in-one or stand-alone solutions are fit for both renovations and new builds

WIRELESS SOLUTION ELIMINATES CABLING

Due to the ever-increasing amount of data stored in platforms, the requirement for offloading data and video recordings from platforms to ground systems has proven demanding. Time available to transfer the data is limited, and wireless transfer of data, i.e. wireless offload is preferred over manual swapping of hard disks.

Eliminating the need for re-cabling, inter-vehicle link technology enables reliable and fast, multi-gigabit wireless connection between platforms.

ONBOARD VEHICLE SYSTEMS

This transmission link is an optional product of DA-Group's onboard vehicle systems for security and passenger information systems. The system includes vehicle computer units, driver control panels, various passenger information displays and infotainment displays. Read more on our web pages: www.da-group.com

TECHNICAL INFORMATION

Type	Wireless Data Ethernet Transmission Link
Wireless	60 GHz, range 0-3 m, beam width max. 45° (other beam width versions available on request)
Ethernet	10/100/1000 Base T(X)
Performance	High security wireless link and rugged structure with easy installation
Interface	M12, 8 pin D-coded (Ethernet)
Indicators	Power and communication failure
Power options	D-Sub Connector / PoE < 16-52V, 50 - 150V (24V +/-30%, 110V +/- 30%) 25 W
Properties	Automatic pairing, adaptive link control



Data is subject to change.