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JANUS® Portable Reader.

Reader power on the go.



The JANUS® Portable Reader provides the mobility required to read Kapsch TDM protocol transponders in field settings. It features an automatic RF synchronization capability to ensure there is no interference with existing roadside readers. An optional extended range antenna allows the JANUS Portable Reader to read transponders as far as 20 feet away. The result is an extraordinarily flexible portable reader that is simple to use, and seamlessly synchs with existing readers.

Reader power on the go.

Key features:

- Flexibility of either AC or battery operation
- Large, daylight readable, backlit LCD display
- Touch screen interface, and key-pad button interface
- Lightweight and compact with a belt clip for convenient portability
- Automatic and configurable, power savings mode
- Automatic or adjustable transmit power option

Meets IAG technical specifications:

- Active/read at 500 kbps
- Automatic synchronization between Badger, and JANUS readers
- 1,000 buffered transactions memory capacity
- USB port for data download
- Serial port for optional third party lane controller/PC Interface
- Reads both factory and operator programmed data fields



Technical specifications	
Operating frequency	▪ 915MHz nominal center
Dimensions (W x H x D)	▪ 10.2 x 3.5 x 1.8 in (without antenna) ▪ 26.16 x 8.89 x 4.57 cm
Weight	▪ 1.5 lbs / 0.7 kg
Buffered data capacity	▪ 1,000 transactions
Data format	▪ Manchester Keyed Carrier
Error checking	▪ 16-bit Cyclic Redundancy Check (CRC)
Data rate	▪ 500 kbps ± 10 % (uplink/downlink)
Operating temperature	▪ -20 °C to +50 °C ▪ -4 °F to +122 °F
Storage temperature	▪ -30 °C to +60 °C ▪ -22 °F to +140 °F
Relative humidity	▪ 5 % to 95 % non-condensing
Vibration	▪ NEMA TS-1
Shock	▪ NEMA TS-1
Input power	▪ Universal AC 115 V/0.5A
Power consumption	▪ 4 Watts
Regulatory^(*)	▪ (Pending) FCC Part 90 and Part 15, Industry Canada RSS 137
Protocol Read	▪ TDM
Communications Interface	▪ USB Port, serial port
Lane Controller Protocol	▪ Interface via serial port

(*) Contact your account executive for more information.

Kapsch TrafficCom.

Kapsch TrafficCom is a provider of intelligent transportation systems (ITS) in the application fields of road user charging, urban access and parking, road safety enforcement, commercial vehicle operations, electronic vehicle registration, traffic management and V2X cooperative systems. We cover the entire value creation chain of our customers with end-to-end solutions. From components and subsystems to their integration and operation. Our core business is to design, build, and operate electronic toll collection systems for multi-lane free-flow traffic.

About Kapsch Group.

Kapsch is one of Austria's most successful technology corporations to specialize in the future-oriented market segments of intelligent transport systems (ITS) and information and communications technology (ICT). Kapsch. Always one step ahead.