

JANUS Portable Reader.

Reader power on the go.



The JANUS® Portable Reader provides the mobility required to read 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.

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 hand strap and shoulder strap
- Automatic and configurable, power savings mode
- Ability to read all Kapsch TDM (IAG) transponders
- User adjustable range control

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 optional third party lane controller/PC interface
- Serial port for optional third party lane controller/PC Interface
- Reads both factory and operator programmed data fields



| JANUS Portable Reader Technical Specifications: | |
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| Operating Frequency: | 915 MHz 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: | -40°C to +70°C -40°F to +158°F |
| Relative Humidity: | 5 % to 95 % non-condensing |
| Vibration: | NEMA TS-1 |
| Shock: | NEMA TS-1 |
| Input Power: | Universal AC input 50-60Hz, 115V/0.5A |
| Power Consumption: | 4 Watts |
| Regulatory: | FCC Part 90 and Part 15, Industry Canada RSS 137 pending |
| Compatibility: | Kapsch JANUS Interior, JANUS FME Exterior, JANUS Feedback as well as IAG style 256-bit transponders, including ROADCHECK FPT, LPT, RMT and FUSION® |
| Communications Interface: | USB Port, serial port |
| Lane Controller Protocol: | Interface via serial port |

Kapsch Group

The Kapsch Group and its entities Kapsch TrafficCom, Kapsch CarrierCom and Kapsch BusinessCom are specialised in the future-oriented market segments of Intelligent Transportation Systems (ITS) and Information and Communication Technology (ICT). Kapsch. Always one step ahead.

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