



FP-300X

Tag Readers



Telematics Wireless FP-300x Reader product family provides superb low cost RF solutions for **CVISN** sites; **ETC** toll-gates; **HOT** lane management; law enforcement and **RFID** inventory control of tagged trailers or containers



FP-300x Tag Readers

- » Fully interoperable with current industry-standard TDMA Readers and Transponders
- » Advanced design and functionality

The Telematics Wireless FP-300x Reader family consists of model numbers FP-300RA, FP-300RSL, FP-300RAM & FP-300HH

FP-300RA



Modern design ASTM v6 TDMA roadside Reader with built-in multi-lane support, software-controlled transmit output power, digital squelch and low power consumption. It is the optimal Reader for CVISN sites.

Small physical size, low power consumption and high level of integration make it ideal not only for the replacement of current roadside Readers but also as the enabler platform to new applications beyond the current systems of Electronic Toll Collection, Weigh Station bypass, expedited Border Crossing and Port access and gate control

FP-300RA and FP-300RSL

- » Integrated antenna/lane switching unit
- » Software controlled transmit power and digital squelch including automatic communication zone calibration
- » Constant communication zone throughout the temperature operating range (no need to recalibrate the zone because of seasons)
- » Digital I/Os (Open collector) with over current protection
- » Advanced auto-function feature
- » Software configurable RS-232/RS-422 host interface
- » Operating temperature: -40°C to +80°C
- » Low power consumption
- » GPRS modem for direct Internet connection (FP-300RSL)

FP-300RSL



The FP-300RSL incorporates an FP-300RA Reader in environmentally-protected enclosure. It includes lightning protection for RF antenna, communications and power, plus an integrated GPRS modem for direct internet connection. Ideal for standalone operation using solar cell and GPRS communication.

The standalone nature of the FP-300RSL makes it a superb solution for line-power independent RF applications. With its wireless modem add-on, the FP-300RSL is the ultimate solution for remote, out-of-the-way stations

FP-300RAM

- » Single antenna
- » Software configurable RS-232 host interface
- » Ultra low power consumption
- » Small size 4x4x1" (103x100x25 mm) (LxWxD)

FP-300RAM



Single lane, ultra low-cost reader, excellent for tag administration (in warehouse).

The FP-300RAM "Mini" is a single-antenna Reader whose limited-focus functionality makes it particularly suitable for low cost warehouse applications and point-of-issue tag administration

FP-300HH



Handheld reader, Telematics Wireless handheld Reader allows an operator to communicate with a tag and to enter cargo information into the FP-200x CSD and to activate the applicable CSD.

The FP-300HH is truly a handheld tag Reader. It is perfectly suited for field law enforcement

- » Rugged, sealed, weather-proof enclosure
- » Ergonomic design for comfortable operation by user in the field
- » Stand alone unit with built in Host PDA:
 - Large and easily readable color display
 - Windows operating system
 - Large non-volatile memory for operational parameters
 - Data logging
 - Standard PC synchronization

