

USB-LP-2

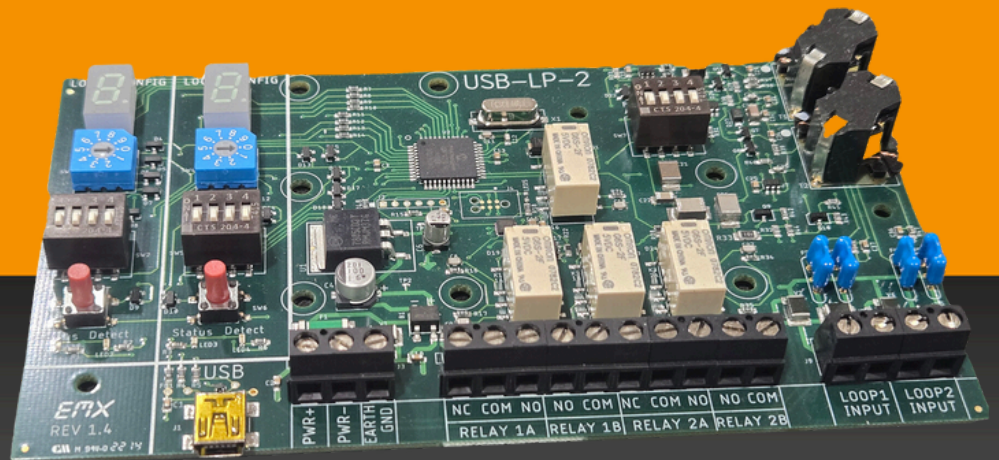
LOW-VOLTAGE DUAL-CHANNEL VEHICLE LOOP DETECTOR WITH USB FUNCTIONALITY

The USB-LP-2 is a low-voltage, dual-channel vehicle loop detector with a USB communication interface which allows users to change settings and receive vehicle detection information in real time.

Operating on 12-30 VDC or 12-24 VAC, it ensures compatibility with various systems while providing real-time data via a USB interface for easy configuration and monitoring.

The detector is able to simultaneously monitor two vehicle detection loops and provide vehicle presence indication for each loop separately. Each loop channel has two configurable relay outputs (four total) that can be used to transmit vehicle presence status to a gate/door operator.

USB-LP-2



scan here for more
information



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MORE DETAILS

- Utilizes the DETECT-ON-STOP™ feature to ignore cross traffic in compact areas
- Easy installation and setup with the built-in ULTRAMETER™ display for sensitivity adjustments.
- Energy-efficient with a low current draw
- Configurable with USB commands
- Quickly identify interference issues with crosstalk and quickly identify loop crosstalk issues with the display.
- Includes DIN rail mounts with screws for easy installation

The USB-LP-2 has a single USB Mini-B connector located to the left of the screw terminals. This USB interface can be used to receive real-time detection status and reprogram settings/sensitivity.



One USB-LP-2 PCB



Two DIN mounts + 4 Screws

TECHNICAL DATA

Power	12-30 VDC or 12-24 VAC
Draw Current (Standby/Detect)	40mA + 30mA per active relay
Loop Frequency	4 settings (low, med-low, med-hi, high)
Loop Inductance	20-2000 μ H (Q factor \geq 5)
Surge Protection	MOVs + EMI Filters
Relay Outputs	Four Relays (Two for each channel)
Contact Rating (Resistive Load)	2 A @ 30 VDC, 0.5 A @ 125 VAC
Operating Temperature	-30° to 150°F (-34° to 65°C), 0 to 95% relative humidity
Environmental Rating	None
Connections	17 Screw Terminals
USB Connector	USB Mini-B
Dimensions (L x W x H)	145 mm (5.75") x 83 mm (3.25") x 34 mm (1.25")

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 3 12/06/2022

