

ULTRA II MOTHERBOARD

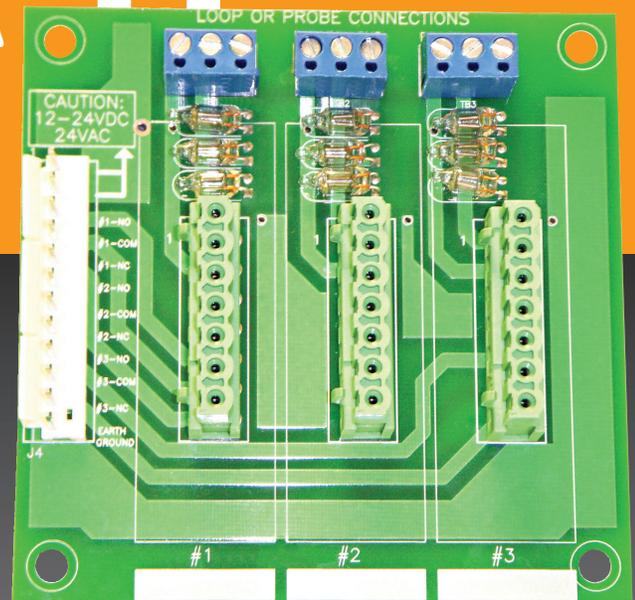
LETS YOU USE UP TO THREE ULTRA II
DETECTORS WITH 1 HARNESS

Applications

The Ultra II Motherboard may be used in any operator where you need to utilize up to 3 access control devices.

- Compact 4" x 4" size
- Allows for simple plug in of any combination of 3 ULTRA II or VMD detectors.
- Surge suppression on all 3 loop inputs
- Individual outputs for each detector
- 12 Pin polarized connector
- Use 3 access control devices in the same space as 2 regular loop detectors.

ULTRA II



EMX Industries, Inc.

4564 Johnston Parkway, Cleveland, Ohio 44128

P. 800 426 9912 F. 216 518 9884

Sales Inquiries: salesupport@emxinc.com **Technical Support:** technical@emxinc.com

www.emxinc.com

ULTRAII-MB

- The ULTRAII-MB will allow you to wire once for up to three different access control devices.
- You can place three ULTRA II D-TEK units into any operator that uses relay inputs to activate. And in future developments EMX will be announcing additional access control devices that will simply “Plug-and-Play”.
- The benefits of using the ULTRAII-MB are:
 1. Quicker installation
 2. Single power source connection
 3. Built in input protection on each device
 4. Easy upgrade or switch out to new devices



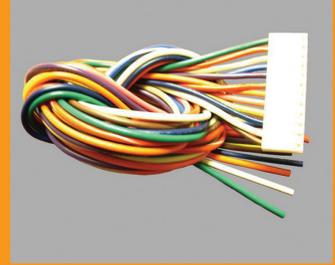
130-10020316 (Mother Board Mounting Plate)



ULTRA II D-TEK (Vehicle Loop Detector)



VMD (Vehicle Motion Detector)



HAR-12-2 (12 Pin Harness W-2 Feet of Wire)

Technical Data: Harness Pin Configuration

Brown	Power Positive +
White	Power Negative -
Blue	Connector #1 N/O
Yellow	Connector #1 COM
Pink	Connector #1 N/C
Orange	Connector #2 N/O
Red	Connector #2 COM
Violet	Connector #2 N/C
Blue/White	Connector #3 N/O
Yellow/White	Connector #3 COM
Red/White	Connector #3 N/C
Green	Earth Ground*
	*Must be connected

Ordering Information

- ULTRAII-MB Ultra II Motherboard
- HAR-12-2 12 pin wiring harness with 2 feet of wire
- 130-10020316 Motherboard mounting plate for the ULTRA II-MB
- ULTRA II D-TEK Compact plug-in Vehicle Loop Detector with Ultrameter™

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 2.2 04/21/2012