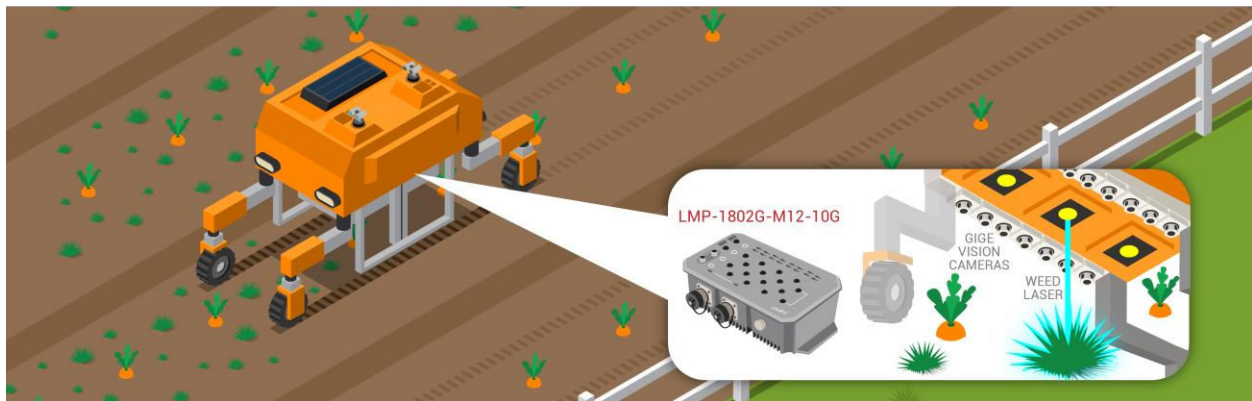




AGRICULTURAL TECHNOLOGY REVOLUTIONIZED BY ANTAIRA'S 10G M12 ETHERNET SWITCH



INDUSTRY: AGRICULTURE
LOCATION: USA

BACKGROUND

Automation in the agriculture industry is a fast-growing market and has seen the need for M12 switches. A US agricultural company utilizing fully automated farming equipment designs machines to include the use of high-speed GigE vision cameras and insecticide sprayers combined with Artificial Intelligence allowing for a machine to determine if a plant is a weed, and dispose of it in a flash. Sending the data from these high-speed GigE cameras to the image processors requires a 10G backbone link.

THE CHALLENGE

Antaira's LMP-1802G-M12-10G family of switches can provide that 10G backbone link and low voltage power over Ethernet. With an IP67 rating, this unit is waterproof, dust-proof, vibration-proof, and has a rugged metal housing. The LMP-1802G-M12-10G unit can withstand the tough outdoor environments required for a full day's work. Bumpy terrain in a plowed field can cause a rough ride for any unit, but this M12 switch can withstand that and the washdown at the end of the day.

THE SOLUTION

The LMP-1802G-M12-10G's robust M12 connectors assure a solid connection in an environment where constant movement would potentially wear a standard modular connector. In addition, the LMX(P)-1802G-M12 series of switches have a daisy chain bypass feature. This allows data to pass through the switch even if power is not being supplied to the switch. A robust network must also be able to withstand constant vibration as well as intrusion protection from dust and water.

ANTAIRA'S PRODUCT SOLUTION

LMP-1802G-M12-10G-SFP-67-24-T

18-Port Industrial M12 IP67 Waterproof Gigabit Light Layer 3 Managed PoE Ethernet Switch

- 16-Port 10/100/1000Base-T(X) Ethernet
- 2-Port 1G/10G SFP Slots
- Operating Temperature Range – EOT: -40°C to 70°C
- IP67 industrial gigabit
- Power Input Starts at 24V-57V

