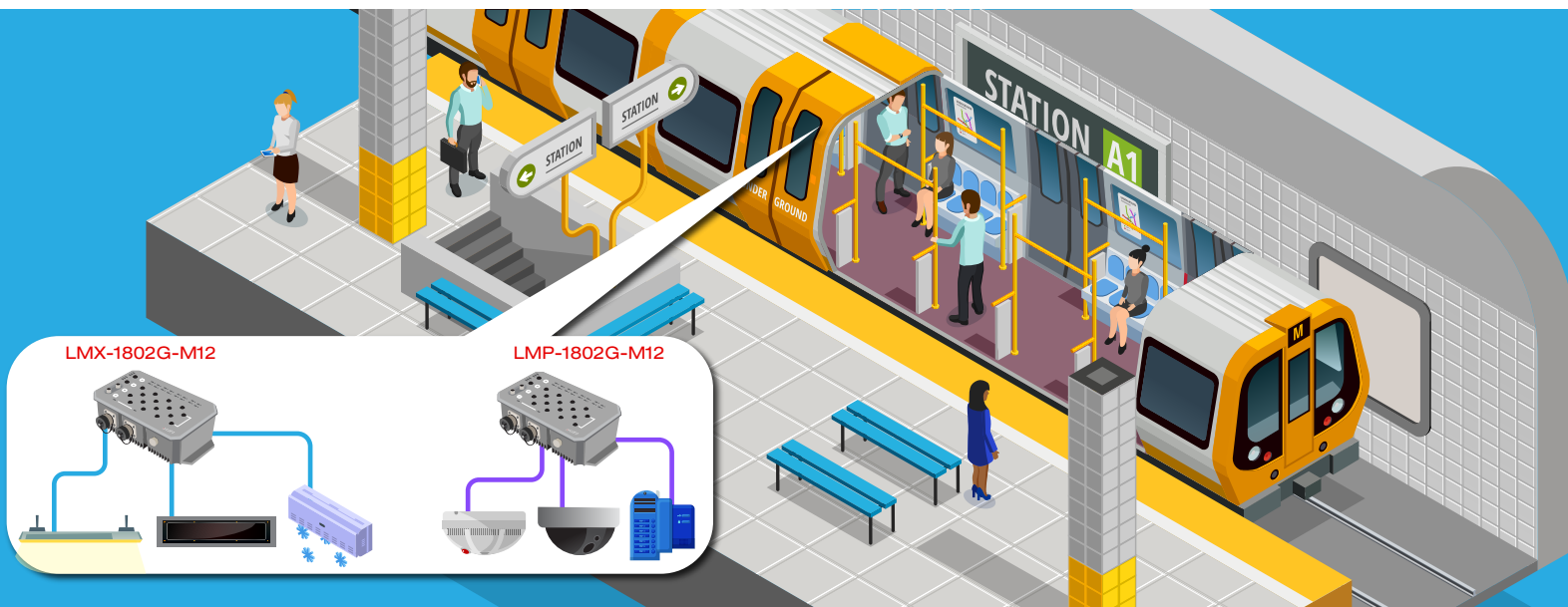# ANTAIRA'S M12 SOLUTIONS FOR ITS
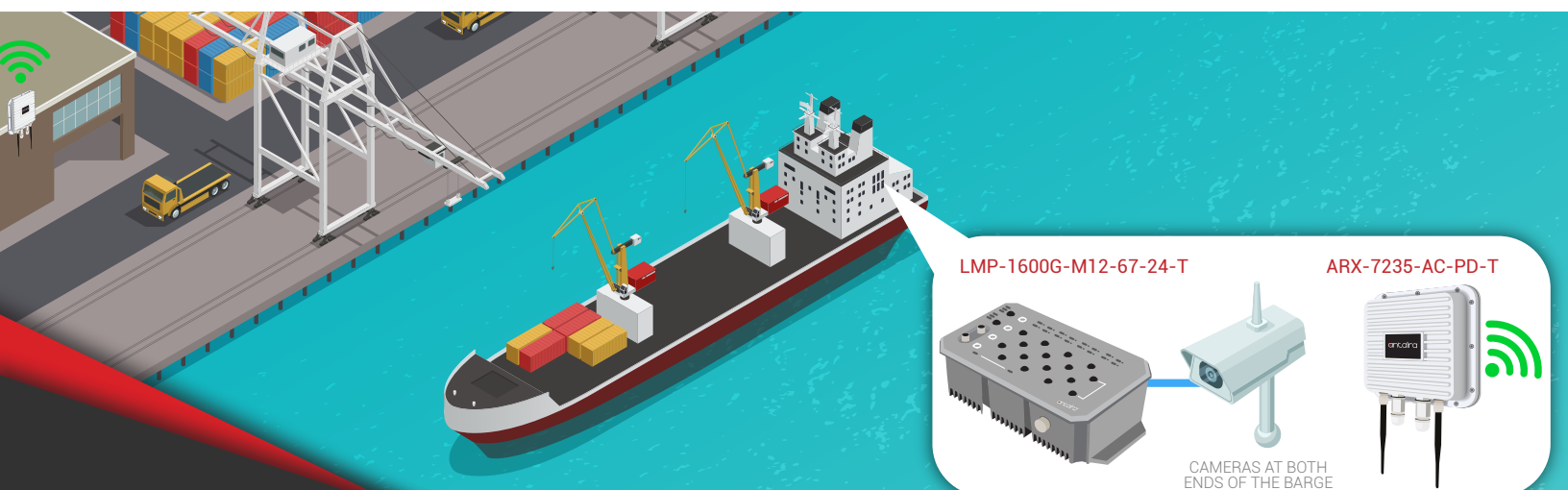
On Board Light Rail

Application Overview

Antaira's M12 switches are a great fit for light rail applications by maintaining data to critical lighting, messaging and temperature control as well as public WiFi and surveillance networks. The 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.

LMX-1802G-M12

LMP-1802G-M12

Barge

Application Overview

The technology involved with loading and unloading river barges continues to evolve. To improve efficiencies, IP67-rated wireless radios with Rapid Roaming are needed to maintain uninterrupted wireless communication networks from onshore to the barge and cranes. With the addition of IP cameras used to monitor crane activity, a hardwired network on the barge is used to connect fisheye, bullet, and PTZ-type cameras. It's critical that the network switch is designed for high vibration and shock in dust and water-laden environments. Antaira's IP67 waterproof industrial managed switches with PoE+ and M12 connections are the ideal solution.

LMP-1600G-M12-67-24-T

ARX-7235-AC-PD-T

CAMERAS AT BOTH
ENDS OF THE BARGE

antaira®
making connectivity simple...

PRODUCT OVERVIEW

Unmanaged PoE

LNP-0800G-M12-67-24(-T)
8-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Ethernet Switch, w/8*10/100/1000Tx (30W/Port) M12 Connectors (X-Coded)

Unmanaged Non-PoE

LNX-0500-M12-67(-T)
5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5*10/100Tx with M12 Connectors

Managed PoE

LMP-1600G-M12-67-24(-T)
16-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded) (30W/Port), 24~55VDC Power Input

LMP-1600G-M12-67-110(-T)
16-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded) (30W/Port); 24~110VDC Power Input

LMP-1802G-M12-10G-SFP-67-24(-T)
18-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded) (30W/Port) and 2*1G/10G SFP Slots; 24~55VDC Power Input

LMP-1802G-M12-10G-SFP-67-110(-T)
18-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded) (30W/Port) and 2*1G/10G SFP Slots; 24~110VDC Power Input

Managed Non-PoE

LMX-1600G-M12-67(-T)
16-Port Industrial M12 IP67 Waterproof Gigabit Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded)

LMX-1600G-M12-67-110(-T)
16-Port Industrial M12 IP67 Waterproof Gigabit Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded); 24~110VDC Power Input

LMX-1802G-M12-10G-SFP-67(-T)
18-Port Industrial M12 IP67 Waterproof Gigabit Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded) and 2*1G/10G SFP Slots

LMX-1802G-M12-10G-SFP-67-110(-T)
18-Port Industrial M12 IP67 Waterproof Gigabit Light Layer 3 Managed Ethernet Switch, with 16*10/100/1000Tx M12 Connectors (X-Coded) and 2*1G/10G SFP Slots; 24~110VDC Power Input