OmniPro® LITE

VAI-Based Alerting **Safety System** for Forklifts & Industrial Vehicles

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OmniPro VISION PROXIMITY LITE — MATRIX DESIGN GROUP

- OmniPro® Lite is a camera safety system that uses Visual Artificial Intelligence (VAI) to detect people and objects, such as stop signs, within a mobile equipment unit's projected travel path and alerts the operator of their presence.

- Records and stores breach, collision and tilting incidents.

- Operates as a single-, dual- or three-camera system for a wider coverage area. Each camera has a 120° field-of-view.

- Programmable alert zones match your operating environment.

- Workers do not wear a signalling device.

- Plug-and-play design for easy installation, set-up and operation.

- Rugged design for longer life in high-vibration, dirty industrial environments.

- Can operate as an independent warning system or machine-integrated.

- In two-camera systems, OmniPro will auto-switch to only monitor the vehicle's direction of travel (reduces nuisance warnings).

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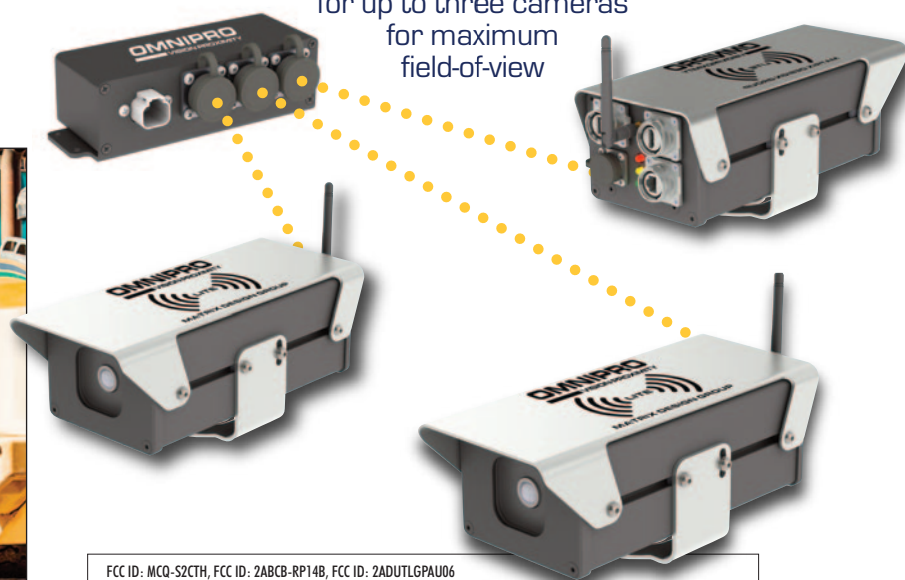## OmniPro® Lite Features

- Utilizes audio and/or visual operator alerting
- 3 output relays 5A, switching voltage 277VAC, 30VDC Max
- 2 Optoisolated sourcing inputs 5-30VDC
- 2.4-802.11 dual band Wireless Lan
- 2.4-802.15.24 Zigbee for single or mesh send and receive
- Bluetooth 4.2/BLE
- 3-axis accelerometer
- Ethernet port 10/100/1000 (gigabit)
- HDMI port
- 1 USB 3.0 port
- 10-pin quick connect port for power and IO
- External power LED indication
- Tempered glass lens cover
- Mounting bracket can rotate 180°
- For indoor or outdoor usage

OmniPro Lite Specifications

Voltage (input)	9-36VDC
Current (typical)	500mA
Current (peak)	2.5A
Dimensions (H x W x D)	11.0in x 4.75in x 4.25in 279.4mm x 120.7mm x 107.9mm
Mounting	Mounting bracket provided. Accepts standard RAM mount base hole pattern.
Weight (approx.)	6.00lbs [2.72kg]

The **OmniPro Lite IO Module**
provides power and communications
for up to three cameras
for maximum
field-of-view

OmniPro® MAX
For Large Mining Equipment

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FCC ID: MCQ-S2CTH, FCC ID: 2ABCB-RP14B, FCC ID: 2ADUTLGPAU06
CONTAINS: IC: 1846A-S2CTH, IC: 20953-RP148
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. This Class A/B digital apparatus complies with Canadian ICES-003

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