

DATA SHEET

OPTICAL SENSOR



SUPPLY VOLTAGE

80-264VAC



OPERATING SYSTEM

Windows

Linux



VIDEO ACCELERATORS

Intel Movidius



RF INTERFACE

Cellular

Wi-Fi/BT



REGULATORY COMPLIANCE

UKCA/CE/RED

RoSH/Reach



FEATURES/BENEFITS

- Open Platform
- Intel video accelerators
- Edge computing
- PTZ Camera



TECHNICAL SPECIFICATIONS

Processor	Intel Atom x7-E3950 Processor
System memory	SO-DIMM LPDDR4 8 GB
Storage	Onboard eMMC 64 GB mSATA via M.2 slot
Operating system	Windows/Linux
Cellular	LTE 4G (CAT4)
Wi-Fi	802.11 b/g/n/ac
Bluetooth	4.2
VPU	2xIntel Movidius Myriad X, MA2485
Power input	Male Connector
M12 Connector	RS-232
M12 Connector	SDI-12
Camera	Mini PTZ 5MP
Rated voltage	80-264VAC



CERTIFICATIONS

EMC	IEC/EN 55024, IEC/EN 55032
Radio (4G, EMC)	EN 301 489-1-52
Radio (Wi-Fi, EMC)	EN 301 908-1
Radio (4G)t	EN 301 489-1-17
Radio (Wi-Fi)	EN 300 328
Electrical safety	IEC/EN62368-1
FCC	Part15B
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Enclosure IP	IEC 60529
Enclosure IK	IEC 60068-2-75
Camera	Mini PTZ 5MP
Temperature	IEC 68-2-30
Temperature	EN 61131-21 (94)
Cold/hot start	IEC 68-2-14
Humidity test	IEC 68-2-3
Elxon charge code	

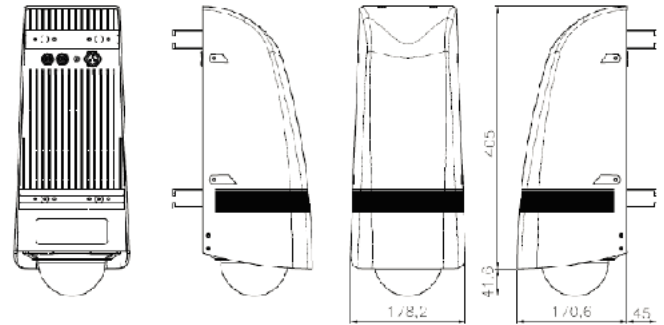
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OPTICAL SENSOR

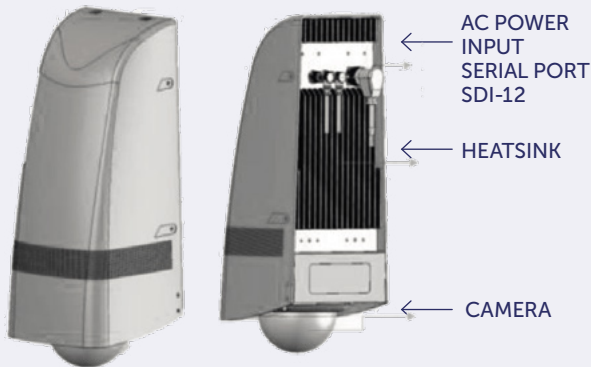


DIMENSIONS

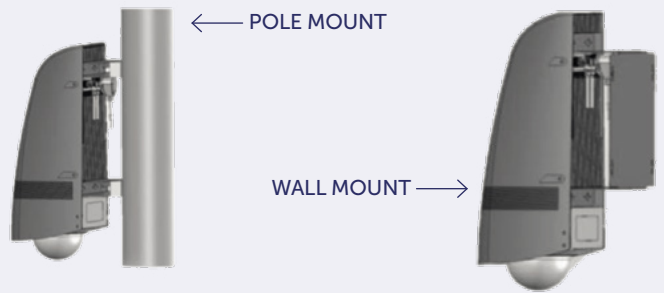
Dimensions	446x178x170mm
Weight-pole mount	3.5 kg
Weight-wall mount	4.5 kg
Mounting options	Wall/Pole



WIRING

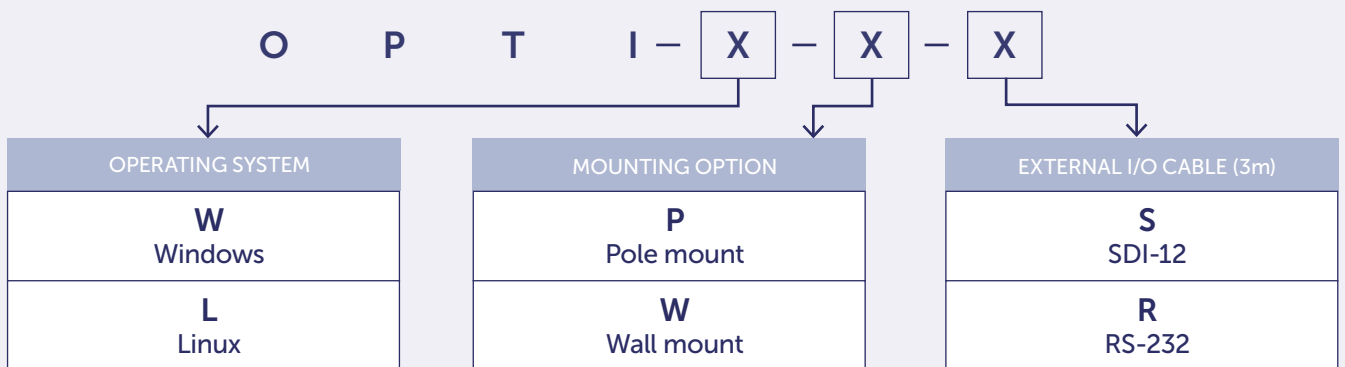


MOUNTING



ORDER INFORMATION

Generate your specific part number using the convention shown below. Use only the numbers that correspond to the sensor option required



FOR A BETTER WORLD OF ENERGY

To find out more about the Mayflower Optical Sensor, get in touch today.

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