OSID Environmental Housing for Imagers and Emitters

OSID-EH





Features

- IP66, NEMA 4-4X for use in harsh environments
- Imager with extra viewing opening for Alarm and Fault LEDS
- Dedicated entry for OSP-001 FTDI cable
- Fast and easy installation- entry and exit opening for wiring
- Protects against dust and water

Application

Custom designed IP 66, NEMA 4-4X protective and environmental housings protect OSID imagers and emitters from dust and water ingress in industrial environments.

The housings are only to be used with 1 on 1 systems.

The glazed housings are made of ABS. The glass window causes minimal attenuation of the UV and IR beams.

Installation and servicing is extremely easy. The imager housing has two glands for easy wiring. The Emitter housing can be used with both battery powered and 24V wired emitter.

To access to the Imagers FTDI socket the lid needs to be removed. A separate cable inlet directly below the FTDI socket is normally sealed but can be fitted with an additional gland supplied with the enclosure for servicing or upgrading the imager.

Both the imager and emitter housing have 3 pre-drilled screw connections for fixed mounting of the unit.

The imager has an additional glass window at the bottom of the housing to allow the Alarm and Fault LEDs to be seen from below.

Where condensation is expected, both housings can be equipped inside with a heater of minimum 5W.

Configuration Options

	Minimum	Maximum
OSI-10	25m (82ft.)	125m (410ft.)
OSI-90	5m (16.4ft.)	28m (91.8ft.)

Ordering Codes

OSID-EHI	Imager environmental housing
OSID-EHE	Emitter environmental housing

Specifications

Material
ABS

Size
241x194x127 mm (9.64x7.76x5.08 inch)

Colour
Grey, RAL 7035

Usage temperature
-25°C (-13°F) up to +60°C (140°F)

External mechanical resistance
IK 07

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