



# DEX25

DEX-DTS-18-512-A

Stainless Steel Camera housing for Harsh environments



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## Intro

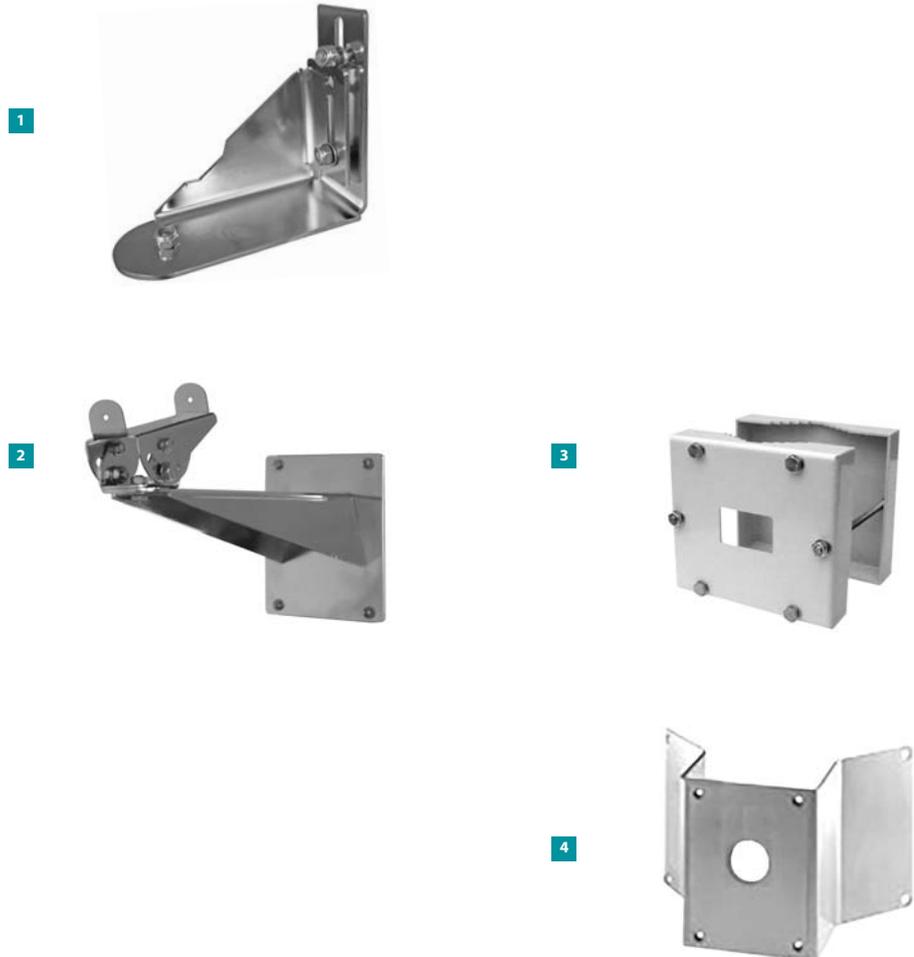
DEX25 is a cylindrical weatherproof housing, entirely made from AISI 316L stainless steel. The electro polishing treatment increases the corrosion resistance and makes the housing particularly indicated for installations in marine, industrial and chemical environments.

It is supplied with a special joint, realized by Dexter, with an exclusive system that allows the third axis tilt: in this way it is possible to mount the housing also in an arched ceiling or on a wall that is not perpendicular to the ground.

The lightweight of this housing allows it to be mounted in small pan-tilt systems as well.

## Product overview

- Stainless steel AISI 316L housing
- Weatherproof rating IP66 & IP67
- Slide opening system
- Joint with 3rd axis for easier orientation
- Version with integrated wiper
- Wall, ceiling, pole, corner mounting
- Easy fastening and positioning
- Wide range of accessories



Product code:

Description:

1. DEX25-CE

Heavy duty ceiling adaptor, stainless steel

2. DEX25-HDB

Heavy duty mounting bracket and joint, stainless steel

3. DEX25-POLE

Heavy duty pole adaptor, stainless steel

4. DEX25-CA

Heavy duty corner adaptor, stainless steel



- Smart PoE for camera, heater and ventilation power
- Special design for tunnels: a front cover with clean glass system for protection against deposit of dust
- Germanium glass for thermal cameras
- IR illuminator integrated
- Fibre optic media converter integrated
- Designed for most popular cameras

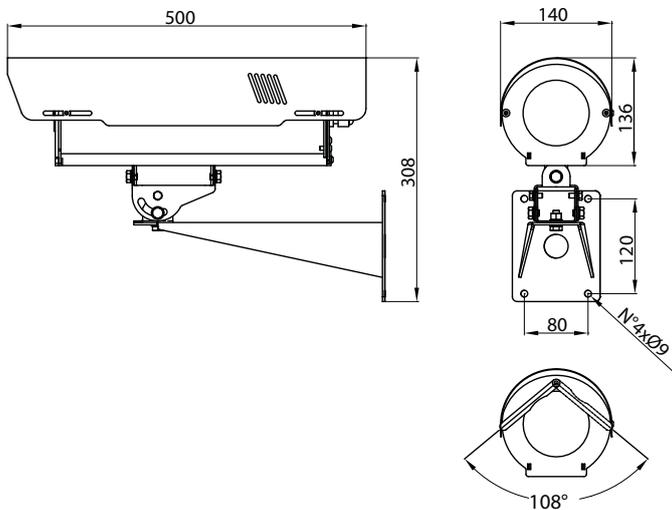
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## Stainless Steel Camera housing for Harsh environments

### Technical Specifications

#### Mechanical

<b>Material:</b>	Stainless steel 316L
<b>Usable internal space:</b>	78x77mm.(WxH) or Ø 95
<b>Useful length:</b>	280mm 220mm for option with media converter
<b>Glass window:</b>	Ø 75mm
<b>Germanium glass window:</b>	Ø 35mm for thermal option, (Ø 55mm. on request)
<b>Weatherproof rating:</b>	IP66 & IP67
<b>Installation:</b>	Indoor/outdoor
<b>Operating temperature:</b>	With heater from -20°C to +60°C
<b>Weight:</b>	5 Kg. (including wall bracket) 7 Kg. (including wall bracket) for option with media converter



#### Electrical

##### Thermostatically controlled heater

Available voltages:	230V, 110V, 24V, 12V
Max. power:	30W
t on:	+15°C
t off:	+22°C (+/- 3°C)

##### Thermostatically controlled blower

Available voltages:	230V, 110V, 24V, 12V
Max. power:	2W
t on:	37°C
t off:	27°C +/- 3°C

##### Fibre optic media converter

Type of signal:	10Base-T (Ethernet) or 100Base-TX (fast Ethernet)
Rate:	10/100 Mb/s (autonegotiation)
Operation mode:	full duplex / half duplex (autonegotiation)
UTP max. length:	100m.
Connection:	RJ45
Compatible:	SFP module (distance up to 110Km.)

##### Power Over Ethernet

PoE input:	IEEE 802.3af & 802.3at compliant
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##### IR illuminator

Wavelength:	850nm
Consumption:	10W
Adjustable:	Night switch trimmer TR1
Adjustable:	IR illumination intensity TR2

##### Integrated wiper (only for Standard option)

IN:	230Vac 5W
IN:	24Vac 5W

### Housing options - The DEX25 Stainless Steel Camera housing comes in various versions which are all based on the same base unit.

DEX25	-M	-P	-O
	<b>Model:</b> <b>S</b> = Standard <b>T</b> = Tunnel, with clean glass system <b>TH</b> = Thermal, with germanium glass <b>IR</b> = IR illuminator integrated <b>OP01</b> = Optical fibre integrated Multi Mode/duplex SFP, max 2 km <b>OP02</b> = Optical fibre integrated Multi Mode/duplex SFP, max 20 km <b>OP0S</b> = Special	<b>Power:</b> <b>230 VAC</b> = 230VAC <b>24VAC</b> = 24VAC <b>12VDC</b> = 12VDC <b>PoE</b> = PoE/PoE+	<b>Options:</b> <b>SUN</b> = Sunshield <b>H</b> = Heater <b>RH</b> = Built-in reinforced heater for low temperature until -45°C <b>VB</b> = Blower set <b>PS12</b> = Power supply 230/12Vdc <b>PS24</b> = Power supply 230/24Vdc <b>WT5</b> = 5 liter washer tank with integrated pump <b>WT25</b> = 25 liter washer tank with integrated pump <b>WP*</b> = Integrated Wiper <small>* Only with Model Standard and Thermal</small>

For example: DEX25-S-PoE-SUN-H

All specifications, dimensions, weight and tolerances are nominal (typical) and Dexter reserves the right to vary all data without prior notice. No liability is accepted for any consequence of use.

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