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by TECNOVIDEO



# CHEP-SS SERIES

EXPLOSION PROOF CAMERA HOUSING

HAZARDOUS AREA

AISI316L STAINLESS STEEL CONSTRUCTION  
WEATHERPROOF STANDARD IP66/IP67  
AVAILABLE FOR CUSTOMER SPECIFIED CAMERAS  
SUITABLE FOR MINING APPLICATIONS  
SUITABLE FOR ANALOG AND IP CAMERAS  
SUITABLE FOR DIRECT OPTICAL FIBER CONNECTION



**CHEP-SS+BWXXH** CAMERA HOUSING WITH WALL MOUNTING BRACKET

## TECHNICAL SPECIFICATIONS

### GENERAL & MECHANICAL

<b>Dimensions</b>	See drawings next page
<b>Operating Temperature</b>	-50° +60°C (-58° +140° F)
<b>Construction</b>	AISI316L stainless steel
<b>Finish</b>	Electro-polished
<b>Cable entries</b>	2x M25x1,5 cable entries

2x 3/4" NPT cable entries version is available upon request

<b>Weight</b>	Unit: 30kg / Package: 31kg
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### ELECTRICAL

<b>Thermostatically controlled heater</b>	
<b>T[°C] ON</b>	= 15 ± 5°C, <b>T[°C] OFF</b> = 22 ± 4°C
<b>Available voltages</b>	24V~, 230V~ (+/- 10%)
<b>Max power consumption</b>	60W

### CERTIFICATION

<b>Ingress Protection Rating</b>	EN 60529 (IP66/IP67) for all models ⊕ II 2 G Ex db IIC T6 Gb ⊕ II 2 D Ex tb IIIC T85°C Db ⊕ I M2 Ex db I Mb ⊕ II 2 G Ex db op pr IIC T6 Gb* ⊕ II 2 D Ex tb op pr IIIC T85°C Db* ⊕ I M2 Ex db op pr I Mb* <i>* for version with fiber optic.</i>
<b>Certified temperature</b>	-50°C +50°C (-58° +122°F)
<b>ATEX standards</b>	EN 60079-0:2012 + A11:2013; EN 60079-1:2014; EN 60079-28:2015; EN 60079-31:2014
<b>EMC</b>	EN 61000-6-3:2007; EN 50130-4:1995 + A1:1998 + A2:2003
<b>LVD</b>	EN 60950-1:2006 + A11:2009
<b>RoHS</b>	2011/65/EU
<b>WEEE</b>	2012/19/EU

### MODELS

<b>CHEP-SS/24<sup>1</sup></b>	Housing + heater. Supply voltage: 24V~
<b>CHEP-SS/230<sup>1</sup></b>	Housing + heater. Supply voltage: 230V~

<sup>1</sup> Usable front window: 105mm (toughened glass)

### PRE-ASSEMBLED CONDUIT/CABLE TAIL

<b>EXCTN25AN3</b>	3 metres 25mm analog conduit tail + 2x M25 nickel plated brass glands
<b>EXCTN25AN5</b>	5 metres 25mm analog conduit tail + 2x M25 nickel plated brass glands
<b>EXCTN25AN10</b>	10 metres 25mm analog conduit tail + 2x M25 nickel plated brass glands
<b>EXCTN25IP3</b>	3 metres 25mm Ethernet conduit tail + 2x M25 nickel plated brass glands
<b>EXCTN25IP5</b>	5 metres 25mm Ethernet conduit tail + 2x M25 nickel plated brass glands
<b>EXCTN25IP10</b>	10 metres 25mm Ethernet conduit tail + 2x M25 nickel plated brass glands
<b>EXACCT3</b>	3 metres armoured composite cable + 2x M25 nickel plated brass glands
<b>EXACCT5</b>	5 metres armoured composite cable + 2x M25 nickel plated brass glands
<b>EXACCT10</b>	10 metres armoured composite cable + 2x M25 nickel plated brass glands

### MOUNTING ACCESSORIES

<b>SSXEP</b>	Stainless steel sunshield for CHEP Series
<b>BWXHX</b>	Stainless steel wall mounting bracket + swivel joint for CHEP Series
<b>PAX</b>	Stainless steel pole mount adapter for BWXXH
<b>CMX</b>	Corner mount adapter for BWXXH

## DIMENSIONS

