

# CHEP SERIES

EXPLOSION PROOF CAMERA HOUSING

HAZARDOUS AREA

ANTICORODAL ALUMINIUM CONSTRUCTION  
 WEATHERPROOF STANDARD IP66/IP67  
 AVAILABLE FOR CUSTOMER SPECIFIED CAMERAS  
 SUITABLE FOR ANALOG AND IP CAMERAS  
 DAY/NIGHT AND IR THERMAL VERSIONS AVAILABLE  
 SUITABLE FOR DIRECT OPTICAL FIBER CONNECTION



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

## TECHNICAL SPECIFICATIONS

### GENERAL & MECHANICAL

<b>Dimensions</b>	See drawings next page
<b>Operating Temperature</b>	-20°C +50°C (-4° +122°F) -50° +50°C (-58° +122°F) for CHEP-LT version
<b>Construction</b>	Anticorodal Aluminium
<b>Finish</b>	Blue Anodized
<b>Cable entries</b>	2x M25x1,5 cable entries

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

<b>Weight</b>	Unit: 11kg / Package: 12kg
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### ELECTRICAL

<b>Thermostatically controlled heater</b>	
<b>T[°C] ON = 15 ± 5°C, T[°C] OFF = 22 ± 4°C</b>	
<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 Ⓜ II 2 G Ex db op pr IIC T6 Gb* Ⓜ II 2 D Ex tb op pr IIIC T85°C Db* * for version with fiber optic.
<b>Certified temperature</b>	-20°C +50°C (-4° +122°F) -50° +50°C (-58° +122°F) for CHEP-LT version
<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/24<sup>1</sup></b>	Housing + heater. Supply voltage: 24V~
<b>CHEP/230<sup>1</sup></b>	Housing + heater. Supply voltage: 230V~
<b>CHEP-LT/24<sup>1</sup></b>	Housing + heater for low temperature. Supply voltage: 24V~
<b>CHEP-LT/230<sup>1</sup></b>	Housing + heater for low temperature. Supply voltage: 230V~
<b>CHEP-IR/24<sup>2</sup></b>	Housing+ heater + Germanium window + protective grid. Supply voltage: 24V~
<b>CHEP-IR/230<sup>2</sup></b>	Housing + heater + Germanium window + protective grid. Supply voltage: 230V~

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

<sup>2</sup> Usable front window: 45mm (Germanium with Hard Carbon Coating)

### PRE-ASSEMBLED CONDUIT/CABLE TAILS

<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 BWXHX
<b>CMX</b>	Corner mount adapter for BWXHX

## DIMENSIONS

