



tekno system[®]
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

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

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

Weight Unit: 30kg / Package: 31kg

ELECTRICAL

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

CERTIFICATION

Ingress Protection Rating	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>
Certified temperature	-50°C +50°C (-58° +122°F)
ATEX standards	EN 60079-0:2012 + A11:2013; EN 60079-1:2014; EN 60079-28:2015; EN 60079-31:2014
EMC	EN 61000-6-3:2007; EN 50130-4:1995 + A1:1998 + A2:2003
LVD	EN 60950-1:2006 + A11:2009
RoHS	2011/65/EU
WEEE	2012/19/EU

MODELS

CHEP-SS/24¹	Housing + heater. Supply voltage: 24V~
CHEP-SS/230¹	Housing + heater. Supply voltage: 230V~

¹ Usable front window: 105mm (toughened glass)

PRE-ASSEMBLED CONDUIT/CABLE TAIL

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

MOUNTING ACCESSORIES

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

DIMENSIONS

