



tekno system[®]
by TECNOVIDEO



CHEPTV2 SERIES

EXPLOSION PROOF CAMERA STATION

HAZARDOUS AREA

ANTICORODAL ALUMINIUM CONSTRUCTION
WEATHERPROOF STANDARD IP66/IP67
AVAILABLE FOR CUSTOMER SPECIFIED CAMERAS
UP TO 2065x1553 @30FPS
33x OPTICAL ZOOM, AUTO FOCUS
SUITABLE FOR DIRECT OPTICAL FIBER CONNECTION



CHEPTV2+BWXHX CAMERA STATION WITH WALL MOUNTING BRACKET

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-20°C +50°C (-4° +122°F) -50° +50°C (-58° +122°F) for CHEPTV2-LT version
Construction	Anticorodal Aluminium
Finish	Blue Anodized
Cable entries	2x M25x1,5 cable entries

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

Weight Unit: 13kg / Package: 14kg

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

VIDEO/CAMERA

Sensor	1/2.8" Progressive CMOS, 3MP
Compression	M-JPEG/H.264/H.265
Streaming	Up to 4 configurable streams
Resolution	Up to 2065x1553 @30fps
Sensitivity	Color: 0.04 lux, B/W: 0.002 lux
Dynamic range	High Dynamic Range (HDR)
Lens	33x Optical Zoom, AF, P-Iris, Auto-Iris; 4.6-152mm; F1.6
Image settings	Color, Brightness, Sharpness, Contrast, White Balance, Exposure control, 2DNR/3DNR/NR by motion masking
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger

NETWORK

Interface	10/100 Mbps Ethernet
Protocols	IPV4/V6, TCP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ARP, NTP, DDNS

CERTIFICATION

Ingress Protection Rating	EN 60529 (IP66/IP67) for all models ⊕ II 2 G Ex db IIC T6 Gb ⊕ II 2 D Ex tb IIC T85°C Db ⊕ II 2 G Ex db op pr IIC T6 Gb* ⊕ II 2 D Ex tb op pr IIC T85°C Db* <i>* for version with fiber optic.</i>
Certified temperature	-20°C +50°C (-4° +122°F) -50° +50°C (-58° +122°F) for CHEPTV2-LT version
ATEX standards	EN 60079-0:2012 + A11:2013; EN 60079-1:2014; EN 60079-28:2015; EN 60079-31:2014
IECEx Standards	IEC 60079-0:2011; IEC 60079-1:2014-06; IEC 60079-28:2015; IEC 60079-31:2013
EMC	EN 61000-6-3:2007;
LVD	EN 50130-4:1995 + A1:1998 + A2:2003
RoHS	EN 60950-1:2006 + A11:2009
WEEE	2011/65/EU 2012/19/EU

MODELS

CHEPTV2/24¹	Camera station + heater. Supply voltage: 24V~
CHEPTV2/230¹	Camera station + heater. Supply voltage: 230V~
CHEPTV2-LT/24¹	Camera station + heater for low temperature. Supply voltage: 24V~
CHEPTV2-LT/230¹	Camera station + heater for low temperature. Supply voltage: 230V~

¹ Usable front window: 105mm (toughened glass)

PRE-ASSEMBLED CONDUIT/CABLE TAILS

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
EXACCTF3	3 meters armoured composite cable tail + 2x M25 barrier nickel plated brass glands
EXACCTF5	5 meters armoured composite cable tail + 2x M25 barrier nickel plated brass glands
EXACCTF10	10 meters armoured composite cable tail + 2x M25 barrier 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

