

HIGH TEMPERATURE CAMERA

cab^{tec} control cabinet

Water and air cooled high temperature systems



CABTEC Series 11X1xxx

Functional description

The cabinets of CABTEC range are designed for the control and the protection of OUTEK and SONDATEC range of products. The internal, programmable digital controller provides all the required hydraulic, pneumatic and electrical controls via a series of sensors and instrumentation. A number of models are available to satisfy the different requirements of typical sites.

The basic functions are:

- Cameras supply
- Compressed air filtration
- Air pressure adjustment for lens cleaning
- Air pressure adjustment for the pneumatic shutter control
- Low pressure alarm for compressed air supply
- Low flow alarm for water supply
- Over temperature alarm for circulating water
- Alarm control for camera's over temperature
- Alarms status on LCD display on cabinet.
- Auto test function for shutter operation (camera protection device)

Further functions available:

- On screen display (via video signal) of alarms
- Control of temperature sensors used in the cooling water circuit
- Data logging of events and remote Ethernet connections

The Cabinet is constructed in two segregated units to separate the electrical and hydraulic parts.

On the front panels are located the following:

- Illuminated button to control the shutter operation and display its status
- Selector switch for remote or local maintenance operation mode
- Two light indicators to display mains presence and events /alarm conditions

Included in the cabinet are the power supply unit and coax cable connector type ELPRO with local BNC socket for local test.

The following table shows the features installed according to the model chosen.

H₂O
+
Air

LOGO

OSD

IP65

+55°C
max

The "T TELEA" brand and "T" logo are registered trademark of Telea Tecnovision S.r.l.
Specifications may be subject to change for improvement without prior notice.



 **TECNOVISION**

Head Office and Factory:
Telea Tecnovision Srl
Italy
tel. +39 02 9952517
fax. + 39 02 40700322
telea@telea.com
www.telea.com

HIGH TEMPERATURE CAMERA

Technical specification

Dimensions:	500 x 800 x 200 mm (HxWhD)
Cover material:	steel painted RAL7035 (standard) / polyester* / stainless steel*
Hydraulic circuit material:	copper with brass fitting (standard) / stainless steel*
Protection degree:	IP65 (standard) / IP66*
Cable IN:	up to customer
Compressed air pressure:	10 bar max
Water pressure:	8 bar max
Water connection IN/OUT:	n° 2 x 1/2" M BSPP
Air connection IN:	n° 1 x 1/2" M BSPP
Environmental temperature:	min 5°C - max 55°C

*= version to be specified before order

Available models

	DUAL PRESSURE REGULATOR WITH TWO GAGES	TWO STAGES AIR FILTER	PRESSURE AIR SWITCH	TWO WAY ELECTROVALVE	FIVE WAY ELECTROVALVE	H2O FLOW SWITCH (ON/OFF)	H2O FLOW METER (WITHOUT DISPLAY)	H2O FLOW METER (WITH DISPLAY)	H2O THERMOSTAT	H2O TEMPERATURE SENSOR (PT100 / PT1000)	H2O TEMPERATURE SENSOR (4-20mA)	CAMERA TEMPERATURE SENSOR MANAGEMENT	DIGITAL LOGIC MODULE WITH DISPLAY	2 IN ANALOGUE EXPANSION MODULE	ADDITIONAL ALARM RELAY MODULE	OSD MODULE
CAB11X100L	X	X	X	X		X			X				X			
CAB11X101A	X	X	X	X			X			X		X	X	X		
CAB11X101B	X	X	X	X			X			X		X	X	X	X	X
CAB11X101C	X	X	X	X				X		X		X	X	X	X	X
CAB11X101D	X	X	X	X			X			X		X	X	X	X	
CAB11X102E	X	X	X	X		X				X						
CAB11X103E	X	X	X	X		X					X					
CAB11X104E	X	X	X	X				2	2							
CAB11X120A	X	X	X		X		X			X		X	X	X		
CAB11X121	X	X	X		X	X			X							
CAB11X101F	X	X	X		X			X		X		X	X	X		
CAB11X105F	X	X	2	2				2		2		2		X	X	

Accessories

KIT10T____

Mechanical adapters, pipes and accessories for interconnection with camera housing SONDATEC and SONDATECpro series.

Correlated products

SON01X____
OUT03X100

Water and air cooled high temperature camera housing SONDATEC series
Wall fixing medium OUTEK series made by AISI304 stainless steel. Only for SONDATEC series.

The "T TELEA" brand and "T" logo are registered trademark of Telea Tecnovision S.r.l.
Specifications may be subject to change for improvement without prior notice.



Head Office and Factory:
Telea Tecnovision Srl
Italy
tel. +39 02 9952517
fax. + 39 02 40700322
telea@telea.com
www.telea.com