

emotion

THERMAL



Aisi316L stainless steel body
Pan/Tilt unit with integrated receiver
Continuous rotation
IP66
Variable speed from 0.01 ° to 200 °/s
Onscreen display configuration
Multiprotocol
Germanium window

Emotion is the new series of PTZ devices particularly sturdy and dedicated to video surveillance for indoor and outdoor applications especially where the specify resistance to corrosion guaranteed by AISI 316L Stainless Steel is required.

The unit is easy to install, versatile and customizable

Emotion can host analog cameras with motorized lenses, block module cameras with serial control and thermal cameras.

Continuous PAN and TILT rotations

Positioning is extremely quick thanks to the speed that can reach 200 %/sec on both axis

The unit works with mechanical solutions that do not require maintenance



tekno system[®]
 Italian design for CCTV since 1979

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MECHANICAL FEATURES
Entirely made of stainless steel Aisi316L
Top mount
Tooth belt transmission
Slip-ring
Zero backlash
Horizontal continuous rotation
Vertical continuous rotation
Electronic limit switches
Pan and tilt speed from 0.01 °up to 200 °/s(*)
Angular acceleration 250 °/s ² – 1000 °/s ²
Position repeat accuracy +/-0.01 °
Inner dimensions (see drawings)
Useful germanium window Ø:54mm. (Useful Ø:74mm is also available on request)
User friendly installation
4 cable glands M16
(*) related to model/version and to the load weight

ELECTRICAL FEATURES
CONSUMPTION
24Vac, 50/60Hz 120W 5A
120Vac, 50/60Hz 120W 1A
230Vac, 50/60Hz 120W 0,5A

CAMERA
12Vdc-800mA
Lenses 6-12Vdc-200mA (polarity inversion lenses)
Camera protection in case of system switching on with uncorrect temperature

VIDEO
Up to 2 video lines (1V, 75Ω)

SERIAL INTERFACES
Two serial ports RS485
<i>Every serial port may handle up to 4095 addresses depending on the protocol utilized</i>

FIELD INTERFACE
nr.4 alarm input (10-35V)
nr.4 open collector output

SOFTWARE
Software for system configuration, languages configuration, upgrade through serial RS485 in remote modality.

MAIN FUNCTIONS SYSTEM
Multilanguages OSD configuration.
Up to 5 languages to be customized by the customer.
250 Preset (related to protocol)
23 characters available for title
Patrol sequencies and random
Automatic recall on event

TELEMETRY PROTOCOLS
Pelco D, American Dynamics, Panasonic
<i>Trademark are registered and belong to their owners.</i>
<i>Other protocols under request</i>

CAMERA PROTOCOLS
VISCA (Sony)
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<i>Other protocols under request</i>

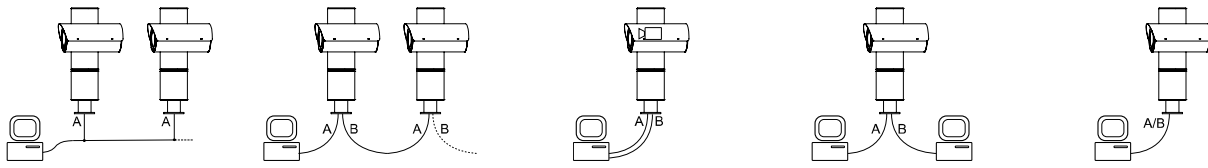
ENVIRONMENT
For indoor and outdoor applications
Temperature range: -20°C/+50°C

CERTIFICATES
CEI EN60950-1, EN61000-6-3 e EN50130-4
FCC part 15, class B
IP66 EN60529

DIMENSIONS
Weight: 27kg
Box weight: 30kg
Box dimensions: 723x433x330mm

*EMOTION can be interfaced with devices not made by Tekno System.
Due to the continuous evaluation of the communication protocols it is compulsory to make the checking test to verify the compatibility of them with the Emotion before installation
Tekno System will not be responsible in any case of damages or costs due to eventual compatibility problems*

SERIAL CONNECTIONS



RS485 - Monodirectional - Half/Duplex	RS485 - Monodirectional - Half/Duplex Daisy chain connection up to 1,2km for each connection	2 RS485 - Monodirectional - Half/Duplex Direct connection to camera (optional)	RS485 - Monodirectional - Half/Duplex With 2 different protocols	RS422
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Every configuration may handle up to 4095 addresses depending on the protocol utilized

MODELS


EMOTION THERMAL 24VAC	24Vac Stainless steel Aisi316L integrated positioning unit, feeding voltage 24Vac, germanium window with useful Ø 54mm, for thermal cameras, without serial interface.
EMOTION THERMAL 230VAC	230Vac Stainless steel Aisi316L integrated positioning unit, feeding voltage 230Vac, germanium window with useful Ø 54mm, for thermal cameras, without serial interface.
EMOTION THERMAL LENS 24VAC	Lens Stainless steel Aisi316L integrated positioning unit, feeding voltage 24Vac, 24Vac germanium window with useful Ø 54mm, for thermal cameras and motorized zoom, with serial interface.
EMOTION THERMAL LENS 230VAC	Lens Stainless steel Aisi316L integrated positioning unit, feeding voltage 230Vac, 230Vac germanium window with useful Ø 54mm, for thermal cameras and motorized zoom, with serial interface.

Germanium window with useful Ø of 74mm on request

ACCESSORIES

BWE	AISI316L Stainless Steel Wall Bracket for Emotion	
CME	AISI316L Stainless Steel Corner Adapter for Emotion	

RELATED PRODUCTS

TSK1	Multiprotocol Control Keyboard LCD graphic display 3 serial ports RS485 Proportional 3 axis joystick (PTZ) Jog.shuttle Numeric keypad (12 keys) Multi-function keypad (10 keys)	
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Dimensional drawings

