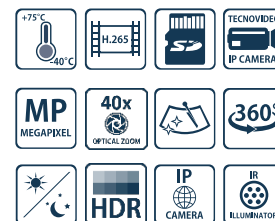# TECNOVIDEO
CCTV SYSTEMS AND ACCESSORIES

SECPTZ150TV2 SERIES
DIE-CASTING ALUMINIUM PTZ CAMERA STATION

- DIE-CASTING ALUMINIUM CONSTRUCTION
- HIGH-SPEED ROTATION AND MONITORING
- EASY INSTALLATION AND MAINTENANCE
- WEATHERPROOF STANDARD IP66
- 3MP CAMERA, H.265, 40X AUTOFOCUS OPTICAL ZOOM
- EIS ELECTRONIC IMAGE STABILIZER
- EDGE RECORDING
- SUPPORTS 802.1X and SNMP (V1-3)
- NDAA COMPLIANT

ONVIF®

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-40° +65°C (+75°C peak)
Construction	Die-Casting Aluminum
Finish	Powder coating (White Ivory painted)
Mounting	See drawings next page
Wiper	Yes
Pan Angle	360° (continuous rotation)
Pan Speed	0 – 120°/s
Tilt Angle	-90° to +40°
Tilt Speed	0 – 40°/s
Preset	256
Rotation angle	Electronically adjustable
Backlash	<0,2°
Max preset accuracy	+/- 0,1°
Preset Repeatability	+/- 0,05°
Control protocol	Pelco D, 57600 Baudrate
Weight	Unit: 13.7Kg / Package:19.4kg

ELECTRICAL

Thermostatically controlled heater	**T[°C] ON** = 4 ± 4°C, **T[°C] OFF** = 15 ± 5°C
Available voltage	24VAC (+/-10%)
Unit Max power consumption	40W (Heater off), 100W (Heater on)
IR LED Max power consumption	24W (IR LED on)

VIDEO/CAMERA

Sensor	1/2.8" Progressive CMOS, 3MP
Resolution	- Up to 2065x1553, 3MP (H.264/H.265) - Up to 1920x1080, 2MP (MJPEG)
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 configurable streams
Frame Rate	- 2MP: 60fps (WDR off), 30 fps (WDR on) - 3MP: 30fps (H.264/H.265)
Sensitivity	Color: 0.04 lux, B/W: 0.002 lux
Shutter Speed	1 to 1/10000 s
Optical Filter	Automatically removable IR-cut filter
White Balance	Contrast White Balance
Dynamic range	WDR/HDR
Lens	40x Autofocus Optical Zoom, 10x Digital Zoom, 4.3-170mm, F1.6
FOV	Horizontal: 63.7° (Wide), 1.7° (Tele) Vertical: 49.2° (Wide), 1.3° (Tele)

Analytics	Motion Detection/Tampering. OPTIONAL: intrusion detection, wrong direction, object removal, sabotage, loitering, stopped vehicle, object counting
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
Event Actions	External Output Activation
Edge Recording	Micro SD/SDHC/SDXC (card not provided)
Network Storage	support for recording to NAS
SNR	>50Db
Noise Reduction	3D Motion Compensated Noise Reduction
Iris	Auto-Iris, F1.6
Image Stabilization	EIS

NETWORK

Interface	10/100 Mbps Ethernet
Security	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x
ONVIF	ONVIF profile G/S/T/M compliant
Protocols	IPv4/v6, TCP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ARP, NTP, DDNS

LED ILLUMINATOR

LED	IR LED
Wavelength	850nm
Beam patterns	25°

CERTIFICATIONS

Ingress Protection	EN 60529 (IP66)
EMC	EN 55032 :2015 [Class A] EN 55035 :2017

MODELS

SECPTZ150TV2/24	PTZ camera station, 24VAC, without IR Illuminators

All the above PTZ camera stations include sunshield, heater and integrated wiper, a built-in telemetry receiver, variable speed motors. IR illuminators to be purchased separately.

ACCESSORIES

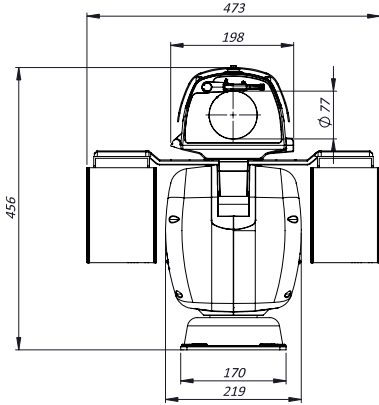|	
PSU150	230VAC power supply (add-on kit)
IR25150	2x 25° beam pattern IR illuminator (add-on kit)
ALBK150	Wall mounting bracket
WP1010F	10 Liters washer tank, 10meters pump, float switch, frame version, 24VAC
WP1010C	10 Liters washer tank, 10meters pump, float switch, cabinet version, 24VAC

DIMENSIONS
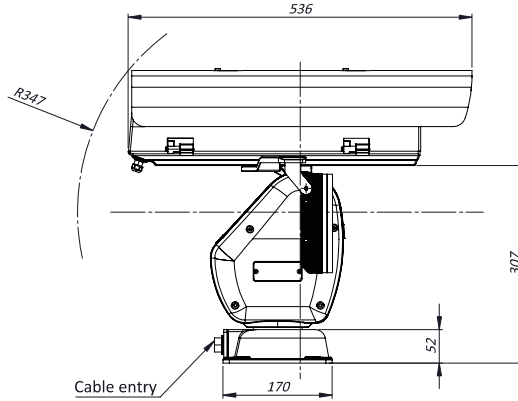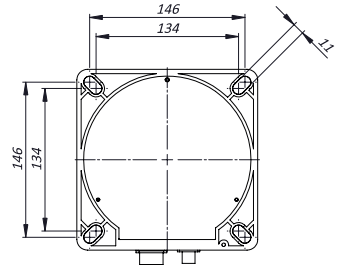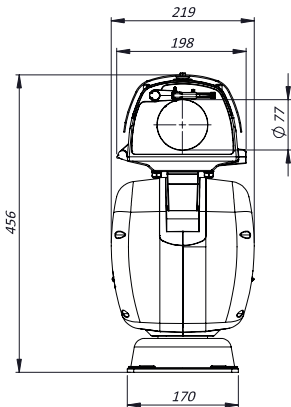
FRONT VIEW (version with IR LED)

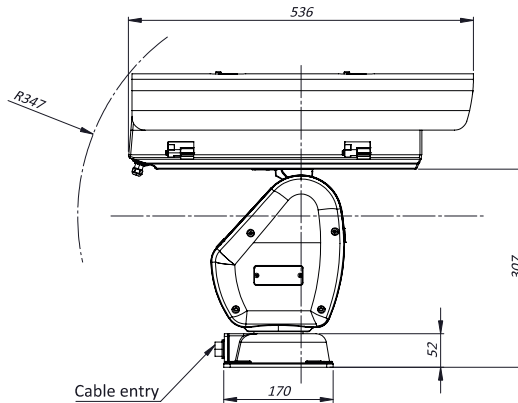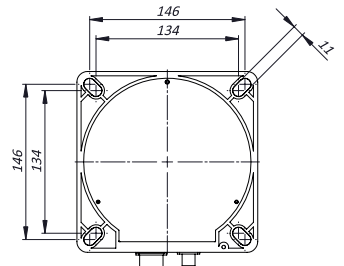### SIDE VIEW (version with IR LED)

MOUNTING PATTERN

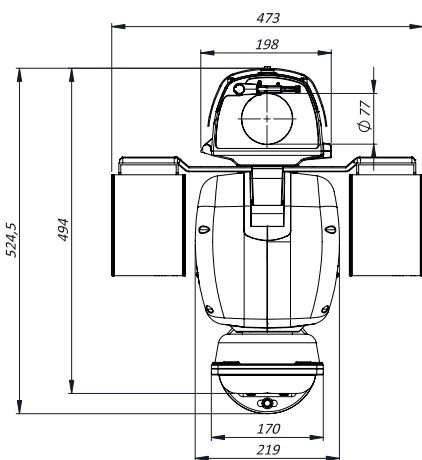### FRONT VIEW (version without IR LED)

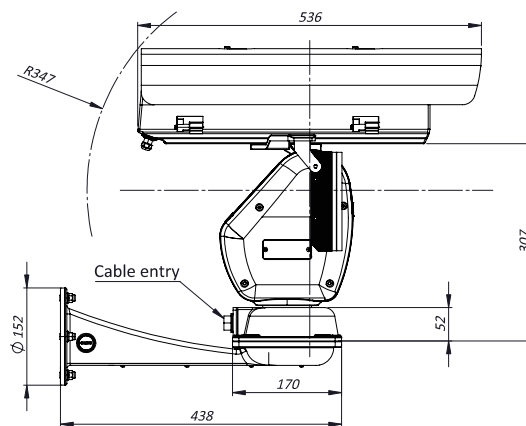### SIDE VIEW (version without IR LED)

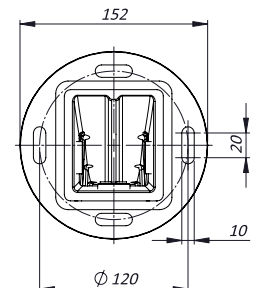

MOUNTING PATTERN

FRONT VIEW (mounting bracket)

SIDE VIEW (mounting bracket)

MOUNTING BRACKET

The unit cannot be installed upside-down nor horizontally