

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

SAD229 SERIES

STAINLESS STEEL DOME CAMERA STATION

SAFE AREA

AISI316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
EASY INSTALLATION AND MAINTENANCE
HD CAMERA WITH 45X EXTRA OPTICAL ZOOM
WEATHERPROOF STANDARD IP66/IP67
ETHERNET CONNECTION 10/100BASE-T RJ-45
RAIN WASH COATING DOME
ONVIF PROFILE S AND G PROTOCOL COMPLIANT



SAD229W HD PTZ DOME CAMERA STATION

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-50° +55°C (-58° +131° F)
Construction (dome section)	Clear polycarbonate resin (Rain wash coating)
Construction (body/sunshield)	AISI316L Stainless Steel
Finish (body/sunshield)	Electro-polished
Mounting	See drawings next page
Pan Angle	360° continuous rotation
Pan Speed	0 – 120°/second (manual); up to 300°/second (preset)
Tilt Angle	-15° to +195°
Tilt Speed	0 – 120°/second (manual); up to 300°/second (preset)
Proportional Pan/Tilt control	Yes
Number of preset positions	256

Weight		
Model	Unit [kg]	Package [kg]
SAD229WTV1	15	16,5
SAD229CTV1	13	14,5
SAD229JTV1	18	20

ELECTRICAL

Available supply voltages	24V~, 230V~ (+/-10%)
Max power consumption	55W

VIDEO/CAMERA

Sensor	~1/3 type MOS, ~2.4MP
Compression	H.264; M-JPEG
Streaming	Multiple streams in H.264 and M-JPEG
Resolution	HD (up to 1280x960 @30fps)
Sensitivity	Colour: 0.3lx; Mono: 0.04lx (up to 0.019lx/0.003lx)
Lens	4.3-129.0mm; F1.6-Close; 45x/12x optical/digital zoom
Video functions	white balance; progressive scan; light control mode (automatic integration of ALC and ELC); shutter speed 1/30 to 1/10000; super dynamic; face super dynamic; adaptive black stretch; fog compensation; digital noise reduction; video motion detection (4 areas); privacy zone (up to 8/32 zones); image stabilizer; focus distance (limited/unlimited); double image reduction

NETWORK

Ethernet Connectivity	10 Base-T / 100 Base-TX RJ45
Protocols (IPv4/IPv6)	ONVIF Profiles S and G TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTP/RTCP, FTP, SMTP, DNS, NTP, SNMP, ICMP, ARP
Protocols (IPv4)	DHCPv6
Protocols (IPv6)	DHCP, DDNS, SNMP, UPnP, IGMP

CERTIFICATIONS

Ingress Protection (EN 60529)	IP66/IP67
Shock resistance (EN 62262)	IK10
EMC	FCC Part15 Class A, ICES-003 Class A, EN55022 Class B, EN 55024
LVD	EN 60950-1
RoHS	2011/65/EU
WEEE	2012/19/EU

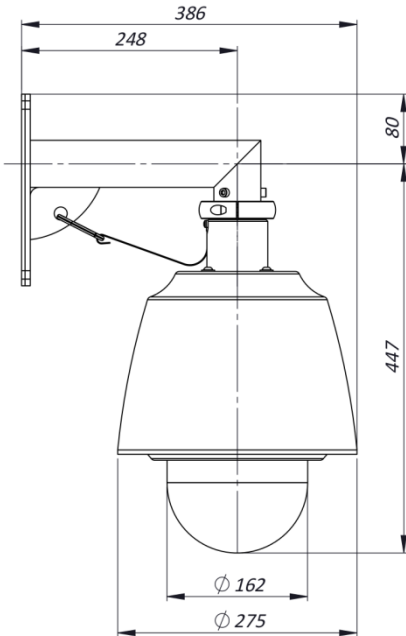
MODELS

SAD229WTV1/24	Dome Camera station with wall mounting bracket. 24 V~
SAD229CTV1/24	Dome Camera station with ceiling mounting bracket. 24 V~
SAD229JTV1/24	Dome Camera station with wall mounting bracket and integrated junction box. 24 V~
SAD229JTV1/230	Dome Camera station with wall mounting bracket and integrated junction box. 230 V~

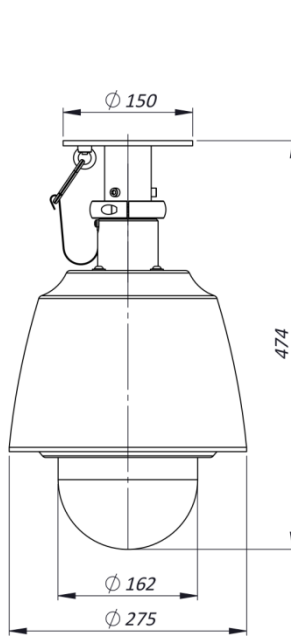
STAINLESS STEEL DOME CAMERA STATION

DIMENSIONS

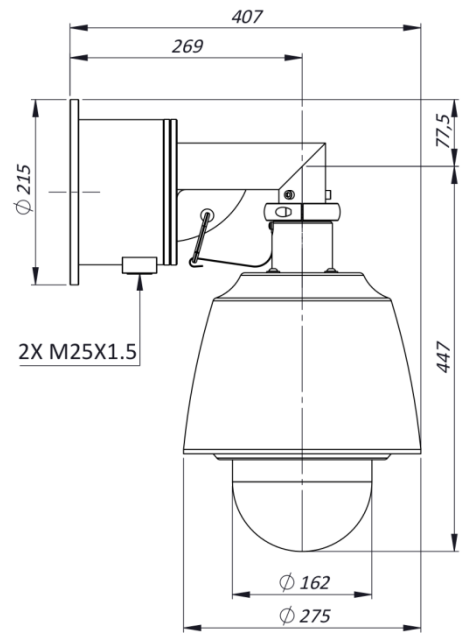
SIDE VIEW (WALL)



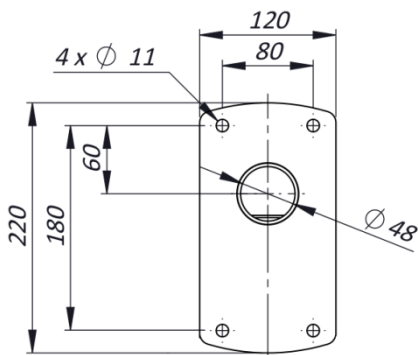
SIDE VIEW (CEILING)



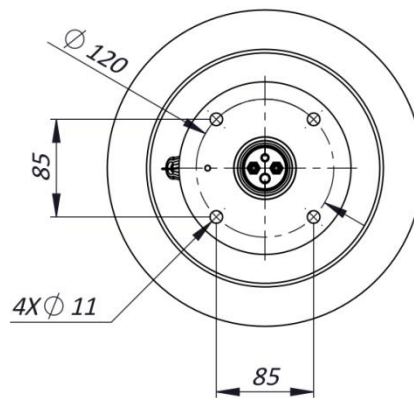
SIDE VIEW (JUNCTION BOX)



MOUNTING PATTERN (WALL)



MOUNTING PATTERN (CEILING)



MOUNTING PATTERN (JUNCTION BOX)

