TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions
Operating Temperature
-30° +55°C (+8° +131°F)
Construction (dome section)
Clear polycarbonate resin (Rain washing coating)
Construction (body/shielding)
AISI316L Stainless Steel
Finish (body/shielding)
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
SAD229TV1
SAD299CTV1
SAD299JT1

Unit [kg]
15
13
18

Package [kg]
16.5
14.5
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: 0.01x; Mono: 0.006x (up to 0.019x/0.003x)
Lens
4.3–129.9mm; F1.6–6.0; 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 1/100000; 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
10 Base-T / 100 Base-TX RJ45
Connectivity
ONVIF Profiles S and G
Protocols (IPv4/IPv6)
TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTCP, FTP, SMTP, DNS, NTP, SNMP, ICMP, ARP
Protocols (IPv4)
DHCIPv6
Protocols (IPv6)
DHCP, DDNS, SNMP, UPnP, IGMP

CERTIFICATIONS

Ingress Protection (EN 60529)
IP66/IP67
Shock resistance (EN 62262)
FCC, Part 15 Class A, ICES-003 Class A, EN55022 Class B, EN 55024
LVD
EN 60950-1
RoHS
2011/65/EU
WEEE
2012/19/EU

MODELS

SAD229TV1/24 Dome Camera station with wall mounting bracket, 24V~
SAD299CTV1/24 Dome Camera station with ceiling mounting bracket, 24V~
SAD299JT1/24 Dome Camera station with wall mounting bracket and integrated junction box, 24V~
SAD299JT1/230 Dome Camera station with wall mounting bracket and integrated junction box, 230V~

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DIMENSIONS

SIDE VIEW (WALL)  SIDE VIEW (CEILING)  SIDE VIEW (JUNCTION BOX)

MOUNTING PATTERN (WALL)  MOUNTING PATTERN (CEILING)  MOUNTING PATTERN (JUNCTION BOX)