

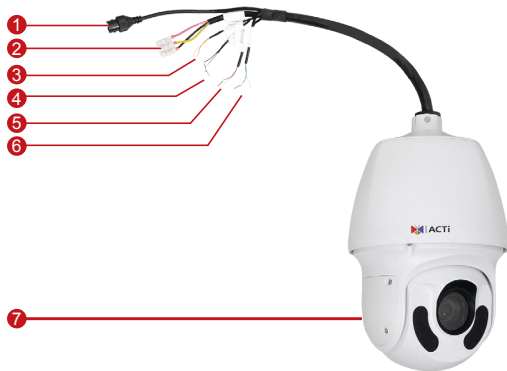
Z950

2MP Outdoor Speed Dome with D/N, Adaptive IR, Advanced WDR, SLLS, 20x Zoom Lens



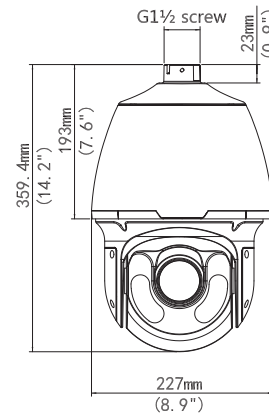
- 2 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 20x Zoom Lens with f5.2 mm ~ 104 mm / F1.5 ~ F3.0 with Auto Focus
- Advanced WDR
- 30 fps at 1920 x 1080
- Weatherproof (IP66) and Vandal Proof (IK10)
- Built-in Analytics

PHOTO INDICATION



- | | |
|---------------------|---|
| ① Ethernet Port | ⑤ Audio Input |
| ② AC24V Power Input | ⑥ Audio Output |
| ③ Digital Output | ⑦ Memory Card Slot
(inside the back panel cover) |
| ④ Digital Input | |

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

* For mounting solutions, please refer to www.acti.com/mountingselector

PRODUCT SPECIFICATION**• Device**

Device Type	Outdoor Speed Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	0.03 lux @F1.5 (AGC on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Working Distance	150m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/6" ~ 1/100000" (manual and auto mode)
S/N Ratio	> 52 dB

• Lens

Focal Length / Aperture	Zoom Lens, f5.2 ~ 104 mm / F1.5 ~ 3.0
Focus	Auto Focus
Horizontal Viewing Angle	61.9° ~ 3.5°

• Video

Compression	H.265, H.264, MJPEG
Max. Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 704 x 288 30 fps at 640 x 360 30 fps at 352 x 288
Multi-Streaming	Simultaneous Triple Streams based on 3 Configurations
Image Enhancement	Advanced WDR White Balance (Auto, Outdoor, Fine Tune, Sodium Lamp, Locked) Brightness Saturation Contrast, Sharpness (Auto) Automatic Gain Control 2D+3D Digital Noise Reduction Defogging
Privacy Mask	8 Configurable Regions
Text Overlay	User Defined Text on Video
Built-in Analytics	Tampering
Image Orientation	Image Flip, Mirror and Rotation

• Audio

Audio Type	2-way, Mic-in, Line-in, Line-out
Audio Compression	8 kHz, Mono, G.711

• Network

Protocol & Service	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SIP, 802.1x
Ethernet Port	1, Ethernet (10/100 Base-T) RJ-45 connector
Security	IP Address Filtering, HTTPS Encryption, Password Protected User Level, IEEE 802.1X Network Access Control

• Alarm

Alarm Trigger	Video Motion Detection (4 regions)
Alarm Response	Notify Control Center E-mail Notification with Snapshots Upload Video or Snapshot to FTP server

• Interface

Local Storage	MicroSDHC memory card slot (card not included)
Digital Input / Output	1/1

• General

Power Source	AC 24V, DC 24V
Weight	5.28 kg (11.6 lb)
Dimensions (Ø x H)	227 x 359.4 mm (8.9" x 14.2")
Environmental Casing	Weatherproof (IP66 rated) Vandal Proof Metal Casing (IK10 rated)
Mount Type	Wall Mount, Pendant
Operating Temperature	-40°C ~ 66°C (-40°F ~ 149°F)
Relative Humidity	≤ 95% RH
Bundled Accessories	AC 24V Power Adapter

Heater Support**Yes**

Approvals
CE (EN 55022 CLASS A, EN 55024)
FCC (Part15 Subpart B Class A)
IP66
IK10 (metal casing)

• Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available ONVIF compliant (Profile S)
Firmware Access Browser	Microsoft Internet Explorer 8 ~ 11 Safari with QuickTime (partial functionality) Other Browsers with VLC (partial functionality)
Auto Firmware Upgrade	No
GPS Position	No