SPD982

3MP Speed Dome Network Camera

1/2.8" Lumii CMOS Sensor, 24X Optical Zoom,
360˚ Endless Pan, IP67, IK10

The SPD982 is a professional 3-megapixel speed dome network camera designed for demanding surveillance in full high definition, requiring accurate pan, tilt, and zoom capabilities, with powerful 24X optical zoom, enabling extraordinary coverage of large areas and great details when zooming in. The outdoor-ready speed dome also features 1/2.8" Lumii CMOS sensor, smart detection, smart encoding, edge recording, Ultra WDR and 3DNR, high speed 360˚ endless pan at up to 430˚ /sec, mechanical tilting 0~92˚, up to 128 preset points and 4 patrol tours, and weatherproof IP66 and vandal-proof IK10 compliant, as well as operating in temperature of -40˚C ~ 50˚C for mission-critical applications in harsh environments.

Features

- 1/2.8" Lumii CMOS sensor
- 3MP high resolution
- 24X optical zoom
- Smart detection, encoding, and edge recording
- High speed 360˚ endless pan @up to 430˚ /sec
- Mechanical tilting 0~92˚
- Up to 128 preset points and 4 patrol tours
- H.264, triple streaming
- Mechanical D/N control
- WDR for optimizing image visibility in bright or dark
- Operating in -40˚C ~ 50˚C
- Weatherproof IP67 & Vandal-proof IK10

Specifications

Video

Sensor Type	1/2.8" image sensor (CMOS)
Active Pixels	2304 x 1536 (HxV)
Compression	H.264 / MJPEG
Streaming	Triple simultaneous streams with multiple video profile
Resolution	QXGA(2048x1536), 1080P, 1280x960, 720P, SVGA(800x600), VGA(640x480), 640x360, QVGA(320x240), 320x180
Max. Frame Rate	3MP 4:3 (2048x1536) at 20 fps; 2MP 16:9 (1920x1080) at 30 fps (NTSC) and 25 fps (PAL)
Day/Night	Mechanical (ICR) D/N Control
Shutter Time	1/10000s to 1/7.5s Selectable (60Hz) ; 1/10000s to 1/6.25s Selectable (50Hz)
Minimum Illumination	Color: 0.03 lux @10IRE, 0.15 lux @ 50 IRE B/W: 0.005 lux @10IRE, 0.01 lux @ 50 IRE (shutter speed: 1/15 sec)
Bit Rate Control	CBR/VBR Advanced quality of service (QoS) Multi-level group of pictures (GOP)

Lens

Type	Auto Focus Varifocal
Focal Length	f=4.3~103.2mm, F1.6~5
Focus / Zoom	Autofocus, motorized / Remote
Zoom Limit	Up to 240X zoom (optical 24X, digital 10X)
View Angle (FOV)	H: 55°(Wide)~3°(Tele)/V:42°(Wide)~2°(Tele)@3MP; H: 52°(Wide)~3°(Tele)/V:30°(Wide)~1°(Tele)@Full HD

P/T Operation

Pan Range	360° continuous
Tilt Range	0°~92°
Manual Pan Speed	0.1~120°/s, 0.1°/s: max dig. optical zoom
Manual Tilt Speed	0.1~ 90°/s, 0.1°/s: max dig. optical zoom
Preset Speed	Pan: 430°/s, Tilt: 200°/s
Proportional P/T	Yes
Programmable Presets	128
Auto Patrol Group	4
Stop Time	Configurable Dwell time
PTZ Functionalities	Proportional PTZ, Auto Pan, Auto Patrol

Audio

Audio Communication	One-way audio
Compression	G711-Alaw, G711-Ulaw, PCM, 8kHz
Audio In/Out	Audio Line Input x 1

Image Enhancement

Image Settings	AES, AWB, AGC Exposure Mode: AES / ALC / Flickerless / Manual; White Balance: Auto / Manual; Multi-metering Backlight Compensation; Configurable Brightness, Contrast, Hue, Saturation, and Sharpness; Gamma Correction; Video Orientation Control
WDR	Enhanced Digital WDR
DNR	3DNR
Privacy Zone	Yes, up to 8 privacy zones
Image Orientation	Mirror, Flip
Frequency Control	NTSC (60Hz) / PAL (50Hz)
Date & Time Stamp	Yes

Intelligent Video & Event Management

Motion Detection	3-level sensitivity
Ethernet Detection	Network lost detection
Events	Motion detection, Ethernet detection, external alarm
Event Actions	Event snapshot to remote FTP storage/ email recipients, Edge recording to SD card, HTTP event query, HTTP event client pulling, External output activation, Patrol/Preset activation
Store Category	Event snapshot, Edge recording, Manual Snapshot

Local Storage*

Memory Card Slot	microSDHC/SDXC; 1 x 16GB, Class 10 microSDHC card included (the SD card is not covered by the warranty service)
Memory Card Overwrite	Yes

Network

Protocol	ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4/v6, NTP, RTSP/RTCP/RTP, QoS, SMTP, SNMP, TCP, UDP, UPnP, IEEE802.1X, TLS/TTLS
Ethernet	1 x 10/100 base-T Ethernet connection for LAN/WAN, RJ45
PoE	PoE+ (IEEE 802.3at), Class 4 Compliant
ONVIF	Yes
Browser	Internet Explorer, Chrome, Firefox
Security	Multiple user access levels with password protection, IP address filtering; IEEE 802.1X network access contro, HTTPS encryption, and digest authentication

I/O & Controls

Power	2-pin Terminal Block / Male RJ-45
Alarm In/Out	Terminal Block 4 in/1 out
Network	Male RJ-45
Audio In/Out	Terminal Block 1 in
System Reboot	Reset x 1, 2-pin Terminal Block
Factory Default	Default x 1, 2-pin Terminal Block

Power

Power Requirement	AC24V ± 10%/PoE+
Power Consumption (Max.)	36W

Mechanical

Dimensions(ΦxH)	ø209.2mm X 300.5mm (8.24" X 11.83")
Weight	3800g (8.14lb)
Protection	IP67 Certified, IK10 Compliant
Battery Backed-up Real-time Clock	Internal RTC
Operating Temperature	PoE+: -10°C ~ 50°C (14°F ~ 122°F) AC24V: -40°C ~ 50°C (-40°F ~ 122°F)
Operating Humidity	10~ 90% RH
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)

Regulatory

Approvals	CE, FCC, RoHS

Ordering Information

Model No.	NTSC: SPD982-N2-US-MES; PAL: SPD982-P2-EU-MES
Accessories	Pendent Mount: SAD702, SAD714 Wall Mount: SAD703, SAD713 Parapet Wall Mount: SAD706 Corner Mount: SAD707 Pole Mount: SAD708 Pipe Extension Bracket: SAD709

*
1. No memory card clot & local storage function for Argentina and Ecuador.
2. Function not available for models sold in Argentina.

Dimensions

305.1mm (12.01")

Ø209.28mm (8.24")