SpeedDome

MOBOTIX MOVE **SD-330**

Technical Specifications

➡ All systems (P/T/Z/IP) are remote-upgradable

➡ Servo Feedback

➡ Wide Dynamic Range (WDR) 120 dB

➡ Electronic Image Stabilizer (EIS)

➡ H.264/H.265/MJPEG simultaneous Streaming

➡ 3MP Resolution

➡ 30x Zoom Lens

➡ Triple power support (PoE+/DC12 V/AC24 V)

➡ IP66 and Full IK10

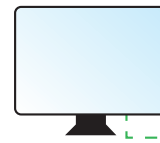➡ Temperature Range −55 to 55 °C/−41 to 131 °F with heater

Product Features:

- Progressive Scan CMOS Sensor Support up to 3MP Resolution
- Up to 30x Optical Zoom
- Multi-Exposure WDR
- Multi-Codec Support (H.264/H.265/MJPEG)
- Micro SD/SDHC/SDXC Card Support
- ONVIF Profile S/G/T Support
- Weatherproof (IP66)
- Vandal Proof (Full IK10 Rating)
- Electrical Image Stabilizer (EIS) Support
- Low Latency Streaming
- Triple Stream Support
- RS485 Support

- 3D Motion Compensated Noise Reduction (MCTF)
- Smart Event function: External Output/Motion Detection/Network Failure Detection/Periodical Event/Manual Trigger/Audio Detection
- Text Overlay and Privacy Masks
- Smart Low Bitrate Control
- Servo Feedback – Guarantees no Drifting
- Zero-Down-Time (ZDT) Power Switching
- Integrated browser support (Internet Explorer 10 or higher with ActiveX recommended for best performance)

Beyond**Human**Vision

MOBOTIX MOVE

All Systems (P/T/Z/IP) are remote-upgradable

The MOBOTIX MOVE SpeedDome SD-330 is remote-upgradable for its software systems, including IP system, pan, tilt and zoom block. With this feature, the maintenance costs can be greatly reduced and new features can be added instantly.

Remote upgradable

System
- IP
-Pan
-Tilt
-Zoom

Servo Feedback

The MOBOTIX MOVE SpeedDome SD-330 features Servo Feedback technology. When encountering external force, such as vandalism, or environmental vibration, the PTZ can return immediately to its original position.

Tampered   Returns immediately

Technical Specifications

MOBOTIX MOVE SpeedDome SD-330	
MOBOTIX Order Number	Mx-SD1A-330
Image Sensor	3MP 1/2.8" Progressive CMOS
Effective Pixels	H x V = 2065 x 1553 (3MP)
Pixel Size	2.5 µm
Frame Rate (Maximum)	H.264/H.265: 3MP@30 fps (with and without WDR) MJPEG 1080p@30 fps
Lens	
Minimum Illumination	Color: 1.00 lux @ 50IRE, F1.6, shutter speed 1/30 s B/W: 0.03 lux @ 50IRE, F1.6, shutter speed 1/30 s
Lens	Zoom Lens / Focus, Zoom, P-Iris, Auto-Iris, Focal Length / F1.6, 4.3 to 129 mm Horizontal (Field of View) / 62 ° (Wide), 2 ° (Tele) Vertical (Field of View) / 47 ° (Wide), 2 ° (Tele)
Camera	
Day and Night	Automatically removable IR-cut filter
Shutter Time	1 to 1/10K sec.
WDR	Yes, 120 dB
EIS	Yes
Zoom	30x optical zoom, 10x digital zoom
Image Settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Corridor Mode	90 °, 180 °, 270 ° Rotation

BeyondHumanVision

Video Codec	
Compression	H.264/H.265/MJPEG
Streaming	Up to 3 individually configurable Streams in H.264/H.265/MJPEG Configurable Resolution/Frame Rate/Bandwidth LBR/VBR/CBR in H.264/H.265

Audio Codec	
Compression	G.711/G.726/AAC/LPCM
Streaming	2-Way
Audio Input	Line in
Audio Output	Line out

Network	
Interface	10/100 Mbps Ethernet
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS , SMBv2
ONVIF	Profile S/G/T conformant
Supported Browsers	Microsoft Internet Explorer 10 or higher, Google Chrome, Mozilla Firefox, Apple Safari; (Internet Explorer 10 or higher with ActiveX recommended for best performance)

System Integration	
Analytics	Motion detection/Audio detection
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External Output Activation Video and Audio Recording to Edge Storage File Upload: FTP, Network Share and Email Notification: HTTP, FTP, Email

General	
Casing	Metal and Plastic
Power	PoE+ IEEE802.3at, Class 4 or DC 12 V, 2.12 A or AC 24 V; max 25.4 W
Connectors	RJ45
	Alarm in x4, Alarm out x2, Terminal Block
	DC12 V Terminal Block
	AC24 V Terminal Block
	Audio in Terminal Block
	Audio out Terminal Block
	CVBS Connector (available with max. 2 activated streams)
	RS485 Terminal Block
Storage	Support for microSD/microSDHC/microSDXC card Support for Recording to NAS
Protection Class	IP66/IK10
Operating Conditions	Temperature range: –55 to 55 °C/–41 to 131 °F with Heater ON Relative humidity: 10 to 90 %, non-condensing

Storage Conditions	–20 to 70 °C (–4 to 158 °F)	
Approvals	EMC Safety Environment	CE/FCC LVD IP66/IK10
Dimensions	ø 210 x 279 mm with sunshield	
Weight	2900 g	
PTZ Features		
Pre-Sets	The SpeedDome cameras support up to 256 Pre-Set positions. The positions including zoom and focus settings can be assigned via the web interface.	
Sequences	Up to 8 sequences can be defined. Each can include up to 64 pre-set positions including configuration of the duration stay in each position.	
Cruise Path	Up to 8 cruise paths can be defined. The cruise path can be recorded and stored via the web interface. To stop the cameras cruise, simply move the camera via the PTZ control.	
Auto Pan	Up to 4 auto pan paths can be defined. Speed, direction (left/right) and starting point can be defined via the web interface.	
Auto Tracking		
Home	A home view can be defined by the operator. If the camera idles for a defined amount of time (1–128 minutes), it will automatically perform the defined action (e.g., move to a pre-set point or perform Auto Pan).	
Display Position	Pan/Tilt degrees can be displayed in the live image (configured via text overlay settings).	
Tilt Angle	Adjustable between –20 ° and +100 °	
Pan Angle	360 ° endless pan	
Tilt Speed	Manual Tilt Speed: 0.1 °–60 °/s; Preset Tilt Speed: 7 °–300 °/s	
Joystick Control	The cameras support the RS485 protocols DSCP, PelcoD and PelcoP and therefore can be controlled by any joystick or keyboard supporting the same protocols.	

Beyond**Human**Vision

Unit: mm