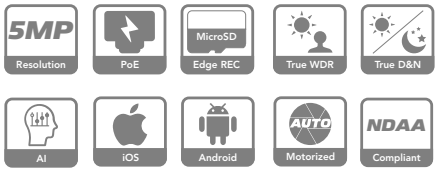
AVC-NSD51M
5MP H.265 MOTORIZED INDOOR DOME NETWORK CAMERA



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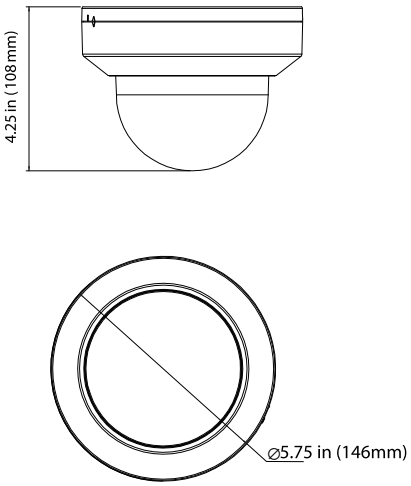
The AVYCON AVC-NSD51M camera is a 5MP H.265 Indoor Dome Network Camera. This 5MP IP camera supports True Day and Night mode, PoE, up to 147ft. of Smart IR Illumination, and also incorporates an InfiniteStar sensor which allows viewing of video in the lowest of light environments, even in color. This camera includes a Motorized 2.7-13.5mm Lens with Auto-focus capabilities that can be controlled through a NVR. Also standard with this series is Digital NR, ROI, HLC, True WDR, and BLC capabilities. Optional accessories for this camera include a Junction Box Mount. Includes a MicroSD memory card slot for standalone recording applications.

FUNCTIONS

- 5MP (2592 x 1944) @ 30fps
- Max. Resolution: 2592 x 1944
- Supports Smart H.265/H.264 Encoding
- True Day & Night ICR
- Up to 147 ft. IR Illumination
- Motorized 2.7-13.5mm A/F Lens
- 3D DNR, True WDR, HLC, BLC and ROI Encoding
- Supports Triple Streams
- Supports Remote Access with Windows, macOS, iOS and Android
- Operating Temperature: -22°F - 131°F(-30°- 55° C)
- DC12V / PoE (802.3af, ≤6W)
- Built-in MicroSD Card Slot
- Built-in Reset Button
- NDAA Compliant

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES

AVM-CWM-EDV-L1
COMPACT WALL MOUNT

AVA-MICSPKSRN
AUDIBLE AND VISUAL ALARM DEVICE

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5MP H.265 MOTORIZED INDOOR DOME NETWORK CAMERA

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	5MP
Image Size	2592 x 1944
Min. Illumination	Color: 0.05lux @ F1.2(AGC ON) BW: 0lux w IR ON
Shutter Speed	1/20,000s ~ 1/5s
Slow Shutter	Supported
IR Distance	Up to 147ft
Lens	Motorized 2.7-13.5mm
Field of View	Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40°
WDR	120dB
VIDEO STREAM	
Max. Image Resolution	2592 x 1944 @ 30fps
Supported Resolutions	2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240
Main Stream	2592 x 1944, 1920 x 1080, 1280 × 720
Sub Stream	1280 × 720, 640 x 480, 320 x 240
Mobile Stream	640 x 480, 320 x 240
Video Compression	H.265 / H.264
Video Bit Rate	128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)
Max. Framerate	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA
NETWORK	
Ethernet	1 x RJ45 10M / 100M(BASE-T)
ONVIF	ONVIF(Profile S/G/T, 20.06)
Protocol	HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP
Security	IP Address Filter; Complicated Password; Authenticated Username and Password
IMAGE	
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
True WDR	Yes
Digital NR	Yes (3D DNR)
Backlight Compensation (BLC)	Off/On (5 Zone)
Motion Detection	Off/On (8 Level)
Gain Control	Auto
White Balance	Auto/Manual/Indoor
Privacy Mask	Off/On (4 Zone, Rectangle)
Flip / Mirror	Flip/Rotation
Sharpness	Yes
Image Setting	Yes
Language	Support for English and Korean
VIDEO ANALYTICS	
Supported Recorders	Diversity Series
On-Board Storage	Micro SD slot, up to 256GB
Alarm/Audio	1 input, 1 output/ 1 input (RCA), 1 output (RCA)
Hardware Reset	Yes
Smart Feature	PID,LCD,PD/VD,FD
Smart Events	Human Detection, Face Detection, Vehicle Detection
Alarm Link Events	Motion Detection, Sensor Alarm
GENERAL	
Angle Adjustment	Any Angle
Input Voltage	DC 12V / PoE (802.3af)
Power Consumption	≤6W
Weight	0.7lbs
Working Temperature	-22°~131° F (-30°~55° C)
Dimensions	Ø4.41" x 5.91"

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phone: 949-752-7606
email: info@avycon.com
social: @avycon_aivo
website: avycon.com