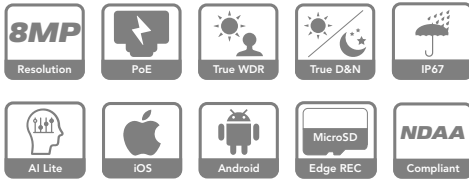


AVC-NCE81M
8MP H.265 INFINITECOLOR TURRET CAMERA



InfiniteColor
(Full Color Technology)



8MP H.265 INFINITECOLOR TURRET CAMERA

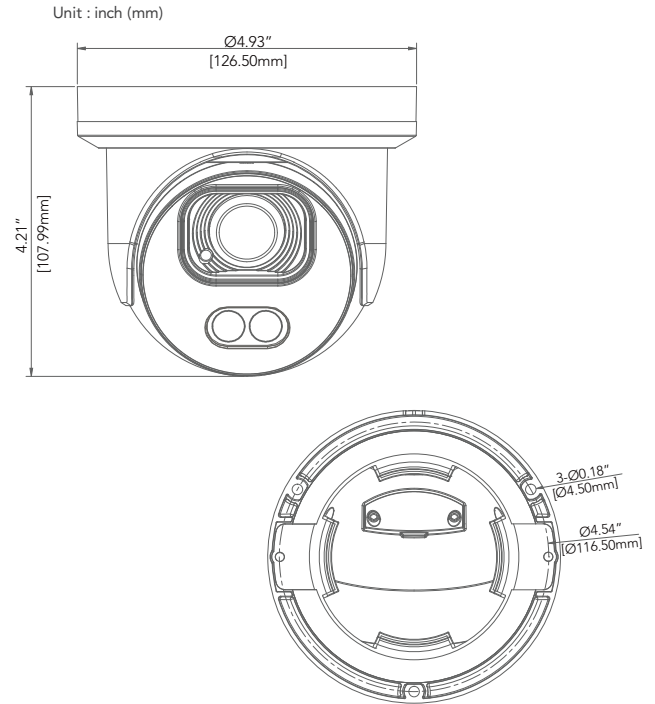
8MP H.265 INFINITECOLOR TURRET CAMERA

The AVYCON AVC-NCE81M camera is a 8MP H.265 Motorized Lens Turret Camera. This 8MP IP camera supports True Day and Night mode, PoE, and up to 98ft. of Smart IR Illumination. It also incorporates AVYCON's InfiniteColor technology with the supplementation of a white floodlight, allowing videos to be viewed in color even in complete darkness. This camera includes a Motorized 2.7-13.5mm Lens. 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

- 8MP (3840 x 2160) @ 30fps
- Max. Resolution: 3840 x 2160
- Supports Smart H.265/H.264 Encoding
- True Day & Night ICR
- Up to 98 ft. IR Illumination
- Motorized 2.7-13.5mm Lens
- 3D DNR, True WDR, HLC, BLC and ROI Encoding
- Supports Dual-Streams
- Supports Remote Access with Windows, macOS, iOS and Android
- Operating Temperature: -22°F - 140°F
- D12V / PoE (802.3af, ≤6W)
- Built-in MicroSD Card Slot
- Built-in Reset Button
- NDA A Compliant

DIMENSIONS



OPTIONAL ACCESSORIES



AVC-NCE81M
8MP H.265 INFINITECOLOR TURRET CAMERA

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Image Size	3840 x 2160
Shutter Speed	1/5s to 1/20000s
Min. Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
IR Distance	Up to 30m
WarmLight Viewable Length	Up to 25m
Lens	2.8-12mm @ F No. 1.2 H: 107(W) - 34(T) [°] V : 56(W) - 19(T) [°] D : 129(W) - 39(T) [°]
Lens Mount	Ø16.7
Day & Night	Full Color Mode/Day&Night Mode/Schedule
Wide Dynamic Range	True WDR
Digital NR	3D DNR
Backlight Compensation (BLC)	Off/On (5 Zone)
Highlight Compensation (HLC)	Yes
Defog	Yes
Gain Control	Auto
White Balance	Auto/Manual
Flip/Mirror	Yes
Complementary Lighting	WarmLight x2, IR LED x2

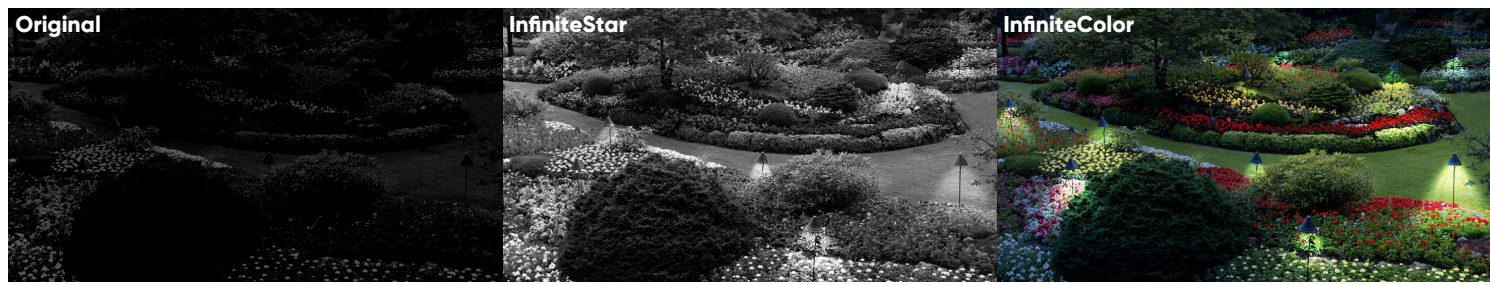
VIDEO IMAGE	
Video Compression	H.264 / H.265
Resolution	8MP(3840x2160), 5MP(2592x1944,3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720), VGA(640x480), QVGA(320x240)
Main Stream	8MP(3840x2160), 5MP(2592x1944,3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720)
Sub Stream	720P(1280x720), VGA(640x480), QVGA(320x240)
Third Stream	VGA(640x480), QVGA (320x240)
Video Bit Rate	256Kbps ~ 16Mbps
Image Settings	Day & Night, BLC, WDR, DNR, Privacy Masking, White Balance
ROI	Yes

NETWORK / INTERFACE	
Network	RJ45(10/100BASE-T)
Network Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Interface Protocol	ONVIF(Profile S/G/T)
Web Browser	Microsoft Edge, Safari, Firefox, Google Chrome
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
Security	IP Address Filter; Complicated Password; Authenticated Username and Password
Streaming Method	Unicast / Multicast
Storage	Built-in micro SD card slot, up to 256GB
Video Output	No
Audio	1 input (RCA), 1 output (RCA)
Alarm	1 input , 1 output
Hardware Reset	Yes

DORI DISTANCE					
Lens	Detect	Observe	Recognize	Identify	
2.8 ~ 12mm (W)	269.7ft (82.2m)	107.0ft (32.6m)	53.8ft (16.4m)	26.9ft (8.2m)	
2.8 ~ 12mm (T)	849.1ft (258.8m)	336.9ft (102.7m)	168.9ft (51.8m)	85.0ft (25.9m)	

FUNCTIONS	
Remote Monitoring	Avycon CMSONE, Avycon Mobile One
Smart Alarm	Motion Detection
Smart Analytics	Face Recognition (FR) Human&Vehicle Detection (PD&VD) Perimeter Intrusion Detection (PID) Line Crossing Detection (LCD) Cross Counting (CC) Stationary Object Detection (SOD) Heat Map (HM) Crowd Density Detection (CD) Queue Length Detection (QD) license Plate Detection (LPD) Rare Sound Detection (RSD)

GENERAL	
Power Supply	D12V/POE(IEEE802.3af)
Power Consumption	TBD
Operating Environment	-30~+60°C/less than ≤ 95% RH
Dimensions (in)	5.0" x 3.1" in (Ø126 X 80 mm)
Weight (lb)	1.5lb(684g)
Ingress Protection	IP67



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