zenitel

DATASHEET



2310111100

OC-NDC-2MP

Outdoor IP Dome Camera, 2MP, SST 316L

- Up to 2 megapixel high resolution
- 120dB Wide Dynamic Range
- Three video streams
- H.265, H.265+, H.264, H.264+
- 6 behavior analyses, 2 exception detections, 1 recognition
- Support on-board storage, up to 128GB
- IR range: 10 m
- DC 12V/PoE
- Anti-Corrosion Standard: WF-2, NEMA 4X, C5-M
- IP67

IP67

Description

The OC-NDC 2MP has a 316L stainless steel enclosure, protecting cameras to be used in corrosive environments, providing reliability and longevity compared to standard cameras. It is IP67 water resistant, preventing water ingress for outdoor use. The camera supports H.265+/H.265/H.264+/H.264 encoding: efficient compression technology that saves storage space and reduces bandwidth requirements. The Lens angle adjustment allows the camera lens to be adjusted to manually focus in different directions (pan/tilt/rotate), for easy installation.

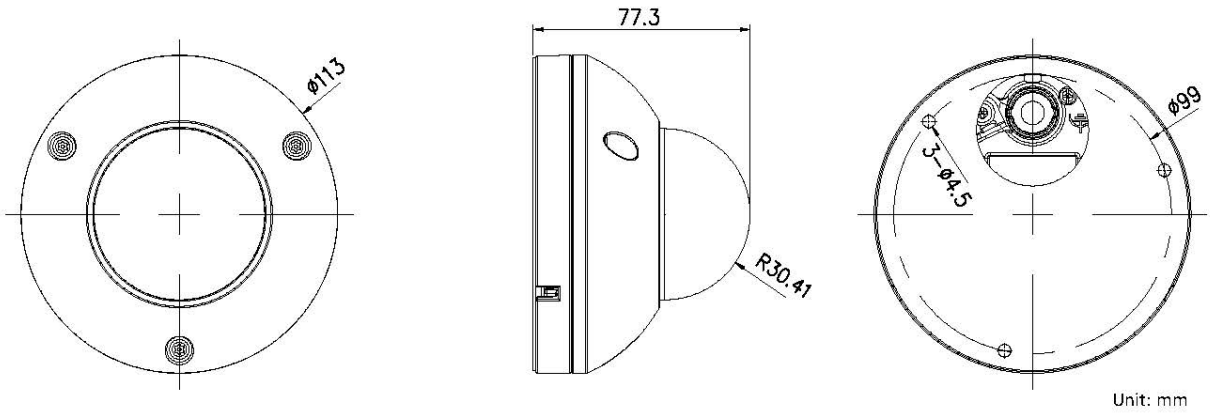
Technical Dimensions

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Specifications

CAMERA

Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON) ,0 Lux with IR on 0.028 Lux @(F2.0,AGC ON), 0 Lux with IR on
Shutter Speed	1 s to 1/100,000 s, support slow shutter
Lens	2.8mm, horizontal field of view: 100°, vertical field of view: 53° 4mm, horizontal field of view: 91°, vertical field of view:49° 6mm horizontal field of view: 60°, vertical field of view: 32.5°
Lens Mount	M12
Day & Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120dB
Angle Adjustment	Tilt: 0° to 75°; Pan: -30° to 30°; Rotate: 0° to 360°

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COMPRESSION STANDARD

Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG
H.264 Type	Baseline profile/Main Profile/High profile
H.264+	Support
H.265 Type	Main profile
H.265+	Support
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP 2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G .722.1)/16Kbps(G.726)/32 -128Kbps(MP2L2)

IMAGE

Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	2.8mm lens camera:
	50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720)
	60Hz: 24fps (1920 × 1080,1280 × 960,1280 × 720)
	4mm and 6mm lens camera:
	50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720)
	60Hz: 30fps (1920 × 1080,1280 × 960,1280 × 720)
Sub Stream Max. Frame Rate	2.8mm lens camera:

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Rate	
	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)
	60Hz: 24fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)
	4mm and 6mm lens camera:
	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)
	60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)
Third Steam Max. Frame Rate	2.8mm lens camera:
	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
	60Hz: 24fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 ×240)
	4mm and 6mm lens camera:
	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
	60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 ×240)
Image Enhancement	BLC/3D DNR/Defog
Image Settings	Rotate mode, saturation, brightness, contrast, etc., adjustable by client

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	software or web browser
Region of Interest	Support 4 customized region for each stream, and face dynamic tracking
Target Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format

NETWORK

Network Storage	Support Micro SD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
General Function	Mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask

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INTERFACE

Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm	1 alarm input, 1 alarm output
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB

SMART FEATURE SET

Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance Detection	Enter a pre-defined virtual region from the outside place
Region Exiting Detection	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, defocus detection
Recognition	Face Detection

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GENERAL	
Operating Conditions	-30°C to +60 °C (-22 °F to +140 °F), Humidity less than 95% (non-condensing)
Power Supply	DC 12V, 330mA, terminal block PoE (802.3af, class 3), 0.1A
Power Consumption	Max. 5W
IR Range	10 m
Housing Material	SUS 316L
Anti-Corrosion Standard	WF-2, NEMA 4X, C5-M
Ingress Protection	IP67
Dimensions	Camera: Φ 113 × 77.3 mm (4.45″ × 3.04″) Package: 257 × 167 ×145 mm (10.12″ × 6.57″ × 5.71″)
Weight	Camera: 1680 g (3.7 lb.)

Accessories



SST 316L Junction Box

Junction box for OC-series CCTV cameras DS-1284ZJ-M

Item Number: 2310111123



OC-NDC Wall Mount Bracket

Anti corrosion wall bracket for OC-NDC CCTV camera

Item Number: 2310111120

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