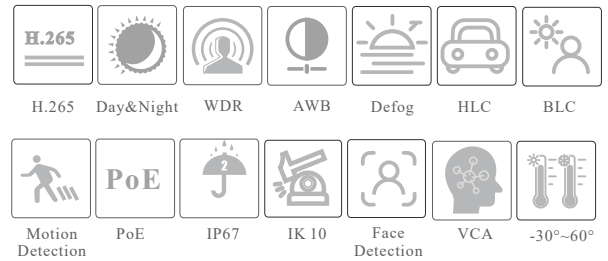


VTC-D81AF

8MP HD AI Dome Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max.resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Support electronic image stabilization
- 30~50m IR night view distance; Motorized zoom lens
- 1CH audio input; 1CH audio output; 1CH built-in MIC
- 1CH alarm input; 1CH alarm output; 1CH CVBS video output
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Support three streams
- P2P function optional
- IP 67&IK10
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics

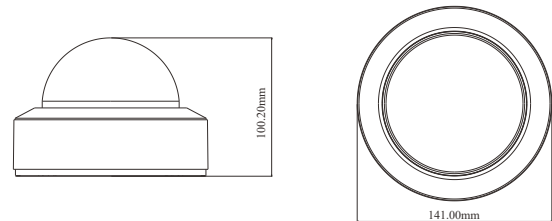


SPECIFICATIONS

Specifications	Model	VTC-D81AF		
Camera				
Image Sensor	1 / 2.8 "CMOS			
Image Size	3840×2160			
Electronic Shutter	Auto/Manual mode; manual: 1 / 3 s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	0.015 lux@F1.4, AGC ON; 0 lux with IR			
Lens	2.8~12mm@F1.4, motorized			
Field of View	Horizontal: 97°~32°; Vertical: 57°~18°; Diagonal: 115°~36°			
Lens Mount	Φ14			
Day & Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
S/N Ratio	≥50dB			
Digital NR	3D DNR			
EIS	Yes			
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°			
Image				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (2592 × 1944), 4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240, VGA (640 × 480)			
Main Stream	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(60Hz:1~30fps; 50Hz:1~25fps) HFR Mode: 1080P/720P(60Hz:1~60fps; 50Hz:1~50fps)			
Sub Stream	720P/D1/CIF/VGA/480 × 240(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)			
Third Stream	720P/D1/CIF/480 × 240(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)			
Bit Rate	64 Kbps ~ 12Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ 45 10M/100M self-adaptive Ethernet port			
Video Output	CVBS output (BNC×1)			
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
Intelligent Analytics				
Smart Event	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	80m(262ft)	32m(105ft)	16m(52ft)	8m(26ft)
2.8~12mm(T)	273m(896ft)	109m(358ft)	55m(180ft)	27m(89ft)
Functions				
Remote Monitoring	Web Browser/ NVMS2.0/NVR/mobile APP			
Web Browser	IE11(plugin-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			

Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF(profile S, G, T, M)
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection; sensor alarm, SD card error; SD card full, IP address conflict, cable disconnection
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
PoE	Yes, IEEE802.3af
IR Distance	30~50m
Ingress Protection	IP 67&IK 10
Others	
Power Supply	DC12V/PoE
Power Consumption	< 10.5W
Storage Conditions	- 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Ø 141 × 100.2
Weight (net)	Approx. 0.89KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	VTC-D81AF	Motorized zoom lens
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