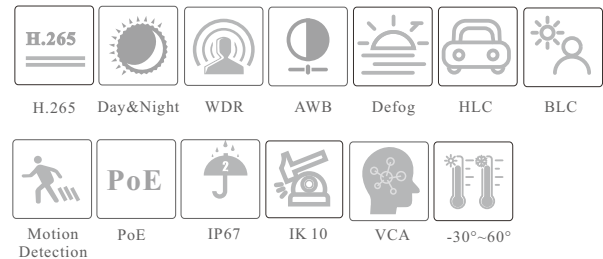


VTC-D20

2MP IR Starlight Dome Network Camera



- 2MP (1920 × 1080) @30fps
- Support H.265+/ H.265/H.264/H.264/ MJPEG coding
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- Starlight
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support corridor mode
- Support electronic image stabilization
- 1CH alarm input and 1CH alarm output
- 1CH audio input and 1CH built-in MIC
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP67 & IK10
- Support three streams
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics

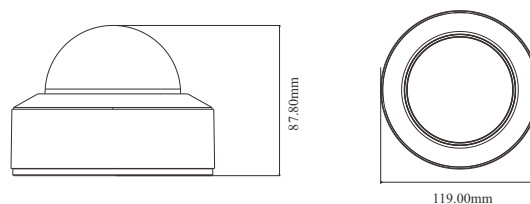


SPECIFICATIONS

Specifications	Model	VTC-D20		
Camera				
Image Sensor		1 / 2.8" CMOS		
Image Size		1920 × 1080		
Electronic Shutter		Auto/Manual mode; manual: 1 / 3 s ~ 1 / 100000 s		
Iris Type		Fixed Iris		
Min. Illumination		0.005 lux@F1.6, AGC ON; 0 lux with IR		
Lens		2.8 mm@F1.6, horizontal FoV: 101.5°; vertical FoV: 54.6°; diagonal FoV: 117° 3.6 mm@F1.6, horizontal FoV: 78.9°; vertical FoV: 45.5°; diagonal FoV: 101°		
Focus		Fixed		
Lens Mount		M12		
Day & Night		ICR		
Wide Dynamic Range		120dB		
BLC		Yes		
HLC		Yes		
Defog		Yes		
Digital NR		3D DNR		
EIS		Yes		
S/N Ratio		≥50dB		
Angle Adjustment		Pan : 0°~355°, Tilt : 0°~70°, Rotation : 0°~180°		
Image				
Video Compression		Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG		
H.264 Compression Standard		Baseline Profile/Main Profile/High Profile		
Resolution		1080P(1920×1080), 720P(1280×720), D1, CIF, 480×240, VGA(640×480)		
Main Stream		1080P/720P(60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)		
Sub Stream		720P/D1/CIF/VGA(60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)		
Third Stream		D1/CIF/480×240/VGA(60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)		
Bit Rate		64 Kbps ~ 6 Mbps		
Bit Rate Type		VBR / CBR		
Audio Compression		G711A / U		
Image Settings		ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, Image Flip, Image Mirror, 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		No		
Audio		1CH audio input; Built-in MIC × 1		
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
2.8mm	41.49m(136.12ft)	16.60m(54.46ft)	8.30m(27.23ft)	4.15m(13.61ft)
3.6mm	50.89m(166.96ft)	20.35m(66.76ft)	10.18m(33.39ft)	5.09m(16.69ft)
Functions				
Remote Monitoring		Web Browser/NVMS2.0/NVR/mobile APP		
Web Browser		IE11(plug-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, 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	20 ~ 30 m
Ingress Protection	IP67&IK10
Others	
Power Supply	DC12V/PoE
Power Consumption	< 7.5W
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)	Φ 119 × 87.8
Weight (net)	Approx. 0.65KG
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-D20
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