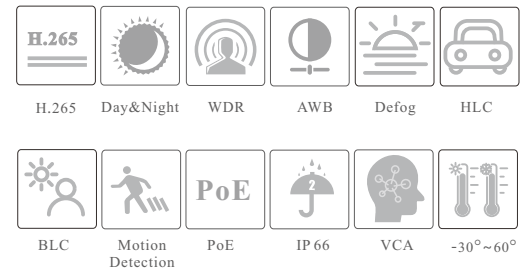


VTC-MD40

4MP Network IR Water-Proof Dome Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1520
- ICR auto switch, true day / night vision
- 10 ~ 20m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 66 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics

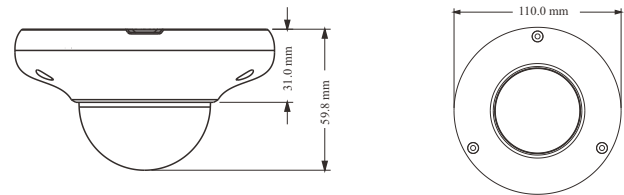


SPECIFICATIONS

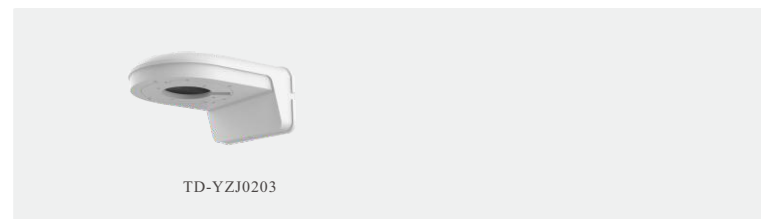
Specifications	Model	VTC-MD40		
Camera				
Image Sensor		1 / 3 "CMOS		
Image Size		2592 × 1520		
Electronic Shutter		Auto/manual; manual mode: 1 / 2s ~ 1 / 100000 s		
Iris Type		Fixed Iris		
Min. Illumination		0.005 lux@F1.6,AGC ON;0 lux with IR		
Lens		2.8 mm@F1.6, Horizontal FoV: 95.3°; vertical FoV: 53.2°; diagonal FoV:100.7° 3.6 mm@F1.6, Horizontal FoV: 78.8°; vertical FoV: 42.3°; diagonal FoV:100.2°		
Focus		Fixed		
Lens Mount		M12		
Day & Night		ICR		
Wide Dynamic Range		120dB		
BLC		Yes		
HLC		Yes		
Defog		Yes		
S/N Ratio		≥50dB		
Digital NR		3D DNR		
Angle Adjustment		Pan: 0°~360°; Tilt:0°~70°; Rotation: 0°~350°		
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		4MP (2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P (1280 × 720), D1, CIF, 480 × 240, VGA(640 × 480)		
Main Stream		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 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)		
Third Stream		D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)		
Bit Rate		64 Kbps ~ 8 Mbps		
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		
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	60.69m(199.11ft)	24.28m(79.65ft)	12.14m(39.82ft)	6.07m(19.91ft)
3.6mm	75.24m(246.82ft)	30.10m(98.75ft)	15.05m(49.37ft)	7.52m(24.67ft)
Interfaces				
Network		RJ 45 10M/100M self-adaptive Ethernet port		
Video Output		No		
Audio		1CH audio input; 1CH built-in MIC		
Storage		Built-in micro SD card slot; up to 256GB		
Reset		Yes		
Alarm		No		
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, 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	10 ~ 20 m
Ingress Protection	IP66
Others	
Power Supply	DC12V/PoE
Power Consumption	< 6 W
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 110 × 59.8
Weight (net)	Approx. 0.38KG
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-MD40
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