VidoNet

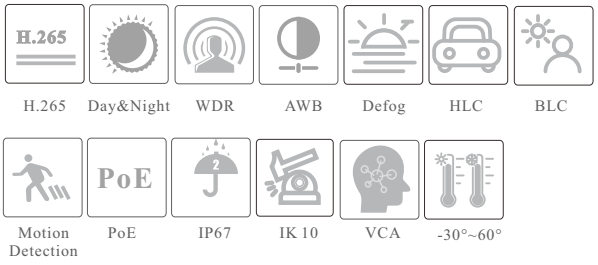
2MP IR Starlight Dome Network Camera

VTC-D21AF

2MP IR Starlight Dome Network Camera



- 2MP (1920 × 1080) @30fps
- H.265+/ H.265/H.264/H.264/ MJPEG coding
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- Motorized zoom lens
- Starlight
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support corridor mode
- Support electronic image stabilization
- 1CH built-in MIC; 1CH audio output and 1CH audio input
- 1CH alarm input and 1CH alarm output
- Built-in micro SD card slot, up to 256GB
- AC24V/DC12V/PoE power supply
- IP67 & IK10
- Support three streams
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



RoHS CE FC PoE

VidoNet

2MP IR Starlight Dome Network Camera

SPECIFICATIONS

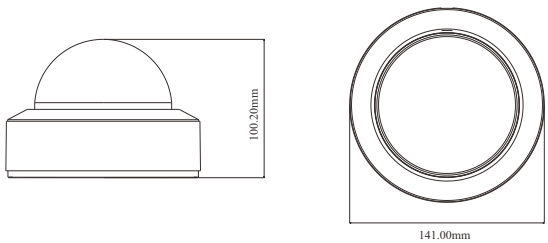
Model / Specifications	VTC-D21AF
Camera	
Image Sensor	1 / 2.8" CMOS
Image Size	1920 × 1080
Electronic Shutter	Auto/Manual mode; manual: 1 / 3 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.0038 lux@F1.4,AGC ON; 0 lux with IR
Lens	2.8~12mm@F1.4, motorized
Field of View	Horizontal: 100°~31° ; Vertical: 53°~17°; Diagonal:119°~36°
Lens Mount	Φ 14
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°~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	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, 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 (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
Target Counting	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

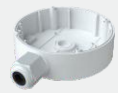
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	43.32m(142.12ft)	17.33m(56.85ft)	8.66m(28.41ft)	4.33m(14.20ft)
2.8~12mm(T)	144.53m(474.17ft)	57.81m(189.66ft)	28.91m(94.84ft)	14.45m(47.40ft)

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	30 ~ 50 m
Ingress Protection	IP67&IK10
Others	
Power Supply	AC24V/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)	Φ 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


VTC-YXH0207


VTC-YZJ0701B


VTC-YXH0207+ VTC-YZJ0407


VTCD-YXH0207+ VTC-YZJ0407+VTC-YZJ0501


VTC-YXH0207+ VTC-YZJ0407+VTC-YZJ0601


VTC-YXH0207+ VTC-YZJ0811

AVAILABLE MODEL

Available Model	VTC-D21AF

*All pictures and specifications are for reference only and are subject to change without prior notice.