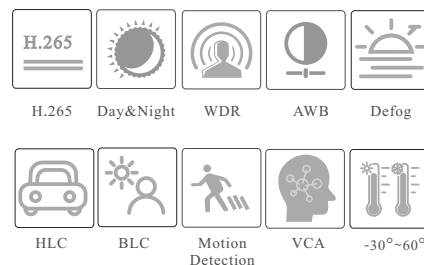


VTC-PH20E2

2MP Mini Network Camera



- 2MP (1920 × 1080) @30fps
- H.265S/H.265+/H.265/H.264S/H.264+/H.264/MJPEG coding
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- Support image distortion correction
- Built-in micro SD card slot
- DC12V power supply
- Support three streams
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics

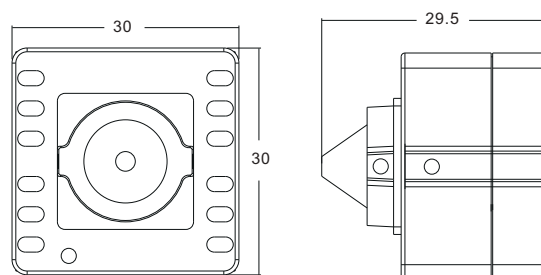


SPECIFICATIONS

Specifications	Model	VTC-PH20E2		
Camera				
Image Sensor	1 / 2.8" CMOS			
Image Size	1920 × 1080			
Electronic Shutter	1 s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	Color: 0.002 lux B&W: 0.002 lux			
Lens	2.8 mm@F2.2, horizontal FoV: 105°; vertical FoV: 53°; diagonal FoV: 125° 3.7 mm@F2.2, horizontal FoV: 72°; vertical FoV: 37.5°; diagonal FoV: 89°			
Focus	Fixed			
Lens Mount	M12			
Day & Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
Digital NR	3D DNR			
Image				
Video Compression	Main stream: Smart H.265 / H.265+ / H.265 / Smart H.264 / 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			
Main Stream	60Hz:1080P/720P(1 ~ 30fps); 50Hz:1080P / 720P(1 ~ 25fps)			
Sub Stream	60Hz:720P/D1/CIF/480×240 (1~30fps); 50Hz:720P/D1/CIF/480×240 (1~25fps)			
Third Stream	60Hz:D1/CIF/480×240 (1~30fps); 50Hz:D1/CIF/480×240 (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 Flip, Image Mirror, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ 45			
Video Output	No			
Audio	1CH built-in MIC			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
RS 485	Yes			
Intelligent Analytics (Smart Events)				
Exception Detection	Scene change, video blur and video color cast detection			
Face Recognition	Face detection, face capture			
Other Events	Line crossing detection, intrusion detection, object removal detection			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	43.3m(142.0ft)	17.3m(56.7ft)	8.7m(28.5ft)	4.3m(14.1ft)
3.7mm	64.6m(211.9ft)	25.8m(84.6ft)	12.9m(42.3ft)	6.5m(21.3ft)
Functions				
Remote Monitoring	Web Client/NVR/NVMS/Mobile APP			
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, RTCP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS			
Interface Protocol	ONVIF			
Storage	Network remote storage; micro SD card storage			

Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, corridor pattern
Ingress Protection	IP 54
Others	
Power Supply	DC12V
Power Consumption	< 7.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Dimensions (mm)	30× 29.5×30
Weight (net)	Approx. 80g
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 MODEL

Available Model	VTC-PH20E2	Fixed lens
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