



# Discreet HD surveillance.

## Pinhole Series: Small profile cameras available in 2.0MP & 4.0MP

Designed for discreet surveillance applications, Pinhole Series cameras are ideal in controlled ingress points, in-shelf surveillance, in vehicles, ATMs and more. Two compact camera styles enable CCTV use in difficult locations.

- Stream up to 4.0MP (2688 x 1520) at 25fps
- 2.8mm fixed lens with wide angle viewing
- Electronic day/night and 3D digital noise reduction
- Includes pinhole brackets and connector cables
- Discreet pinhole profile: Ø12mm / 5mm depth
- Face detection and 3D digital noise reduction
- True wide dynamic range (120dB) (4MPPH & 2S)
- MicroSD slot up to 128GB & PoE power (2/4MPPH)



Double Full HD Resolution



Discreet 5mm Camera Profile



Edge Recording via MicroSD

Specifications		VSIP2MPPH	VSIP4MPPH	VSIPPH-2S2	
Model	Product Image				
	Ordering Information	<b>VSIP2MPPH:</b> 2.0MP Pinhole Camera + Control Unit	<b>VSIP4MPPHC:</b> 4.0MP Pinhole Camera <b>VSIP4MPPHM:</b> 4.0MP Main Box	<b>VSIPPH-2S2:</b> 2.0MP Pinhole Camera	
Camera	Image Sensor	1/2.8" 2.0 Megapixel Progressive Scan CMOS	1/2.7" 4.0 Megapixel Progressive Scan CMOS	1/2.8" 2.0 Megapixel Progressive Scan CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	2688 (H) x 1520 (V)	1920 (H) x 1080 (V)	
	RAM / ROM	256MB / 32MB	512MB / 32MB	128MB / 128MB	
	Min Illumination	0.07 Lux at F2.4 (Colour) / 0.007 Lux at F2.4 (B&W)	0.02 Lux at F2.4 (Colour) / 0.04 Lux at F2.4 (B&W)	Colour: 0.005lx at F2.0	
	S/N Ratio	> 50dB		> 56dB	
Infrared System	N/A				
Lens	Lens / Iris	2.8mm F2.4 Fixed Lens		2.8mm F2.0 Fixed Lens	
	Field of View	Horizontal: 104°, Vertical: 57°	Horizontal: 83.4°, Vertical: 44.9°	Horizontal: 108°, Vertical: 59°	
	Focus	Fixed			
DORI Distance	N/A	Detect: 61m / Observe: 24m / Recognise: 12m / ID: 6m	Detect: 42m / Observe: 17m / Recognise: 8m / ID: 4m		
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	4.0MP (2688 x 1520) to CIF (352 x 288)	1080p (1920 x 1080) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 25fps)	4.0MP (1 ~ 25fps)	1080p (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	720p (1 ~ 25fps)	N/A
	Video Compression	H.265 / H.264		H.265 / H.264 / MJPEG (sub stream)	
	Bit Rate	H.265: 14 ~ 5632Kbps / H.264: 24 ~ 9472Kbps	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240Kbps	H.265: 12K~6400Kbps / H.264: 32K~8192Kbps	
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)			
	Day/Night	Auto (Electronic) / Colour / B&W			
	Lighting Compensation	BLC / HLC / Digital WDR	BLC / HLC / WDR (120dB)		
	Smart Scene Adaptive	N/A			
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual				
Gain Control	Auto / Manual				
Noise Reduction	3D DNR				
IVS	Intelligent Functions	Face Detection, Tripwire, Intrusion, Abandoned/Missing Object, Motion Detection (4 Zone), Region of Interest (4 Zone), Privacy Masking (4 Zone)		Tripwire, Intrusion, Motion Detection (4 Zone), Region of Interest (4 Zone), Privacy Masking (4 Zone)	
	Ethernet	RJ45 (10/100 Base-T)			
Network	Protocol	IPv4/IPv6; HTTP; HTTPS; SSL; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP; RTSP; RTP; SMTP; NTP; DHCP; DNS; PPPoE; DDNS; FTP; IP Filter; QoS; Bonjour			
	Streaming Method	Unicast / Multicast			
	Max. User Access	10 Users / 20 Users			
	Video Interface	N/A			
Interface	Audio Interface	1 Input, 1 Output / Compression: G.711a, G.711mu, G.726, AAC		1 Input/ 1 Output (RCA)	
	Alarm Interface	2 Inputs / 2 Output		N/A	
	RS232	1 Port		N/A	
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC		NAS / Local PC	
	Interoperability	ONVIF / PSIA / CGI		ONVIF Profile S / API	
Environmental	Power Supply	12VDC / PoE (802.3af)		12VDC	
	Power Consumption	<6W		<1.5W	
	Operating Conditions	-30° ~ +60° C / Less than 95% RH			
	Ingress Protection	N/A			
	Vandal Resistance	N/A			
	Housing	Metal			
	Pan/Tilt/Rotation	N/A			
Dimensions	Camera: Ø26 x 47mm / Control Unit: 110mm x 83mm x 24mm / Cable: 8m		35mm x 44mm x 30mm		
Net Weight	Camera: 0.13kg / Control Unit: 0.20kg		Camera: 0.21kg / Control Unit: 0.40kg		

Application		
VSIP2MPPH	VSIP4MPPHC	VSIPPH-2S

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