





2MP \cdot WDR Pro \cdot Pinhole \cdot 180° Panoramic View \cdot Smart Stream II \cdot 3DNR \cdot Recessed Mount \cdot Video Rotation

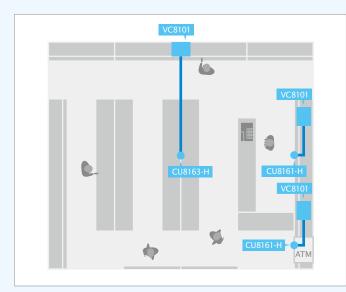
VIVOTEK's VC8101 is a high-performance Full-HD split-type camera system. Its discreet design, rich functionality and ability to be flexibly integrated into even the tightest spaces, make this camera ideal for indoor or covert surveillance of ATMs, banks, stores and offices.

The VC8101 features a separate camera unit and video core design, enabling the tiny camera unit (with 5-meter long cable) to be easily and flexibly installed into any decoration or interior design, thus preserving stylish appearances while dramatically saving on installation time and cost.

The VC8101 can support one camera unit and is designed to work in perfect harmony with a choice of two 2-megapixel WDR camera units: the CU8161-H pinhole type, and the CU8163-H fisheye type for 180° panoramic view. Both camera units incorporate a number of advanced features found in VIVOTEK cameras, including WDR Pro, Smart Stream II technology, 3DNR, 802.3af compliant PoE, on-board storage, and VIVOTEK's 32-channel recording software. All of these features and the VC8101's unique design allow the camera units to capture clear images in high-contrast scenes, and to make this camera system the best possible solution for indoor surveillance when discretion is important.



- · Discreet, Recessed-Mount Camera Units
- · Supports 1 Camera Unit
- \cdot 2 Camera Options: 2MP WDR Pinhole or 2MP WDR Fisheye Camera
- \cdot Two-Way Audio on Video Core
- \cdot Real-time H.264 and MJPEG Compression
- \cdot Smart Stream II to Optimize Bandwidth Efficiency
- \cdot WDR Pro for Unparalleled Visibility in High Contrast Environments
- · 3D Noise Reduction
- · Video Rotation for Corridor View
- · Built-in IEEE 802.3af Compliant PoE



Split-type Camera System





ATM



Retail

Bank



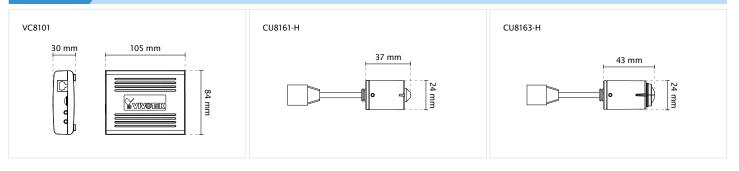
Office

Specifications - Video Core				
Model	VC8101 (With CU8161-H) VC8101 (With CU8163-H)	Alarm and Event		
System Information		Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection	
СРИ	Multimedia SoC (System-on-Chip)	Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and SD card File upload via HTTP, SMTP, FTP, NAS server and SD card	
Flash	128MB			
RAM	256MB			
On-board Storage	Slot type: MicroSD/SDHC/SDXC Card Slot Seamless Recording	General		
Video			RJ-45 connector for Network/PoE connection *1 RJ-12 connector for camera unit connection *1 Audio output *1 DC 8-36V power input *1 Digital input *1 Digital output *1	
Compression	H.264 & MJPEG	Connectors		
Video Source	1 VIVOTEK camera unit			
Maximum Streams	4 simultaneous streams			
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving	LED Indicator	System power and status indicator	
Image Settings	Smart Stream II Adjustable image size, quality and bit rate; Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, 3D noise reduction, video rotation	Power Input	DC 8~36V IEEE 802.3af PoE Class 2	
		Power Consumption	Max. 5.5 W	
		Dimensions	105 (W) x 84 (D) x 30 (H) mm	
		Weight	119 g	
Audio		Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick	
Audio Capability	Two-way audio (full duplex)	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)	
Compression	G.711, G.726	Warranty	24 months	
Interface	External audio input External audio output			
Network		Operating System	Microsoft Windows 8/7/Vista/XP/2000	
Users	Live viewing for up to 10 clients	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x or 8.x	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, ARP, SSL, TLS	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above	
Interface	10 Base-T/100 BaseTX Ethernet (RJ-45)	Included Accessories		
ONVIF	Supported, specification available at www.onvif.org	Others	Quick installation guide, warranty card, installation	
Intelligent Video		-	kit	
Video Motion Detection	Five-window video motion detection			

Specifications - Camera Unit

Model	CU8161-H: Pinhole	Model	CU8163-H: Fisheye Camera
Image Sensor	1/2.7" Progressive CMOS	Image Sensor	1/2.7" Progressive CMOS
Maximum Resolution	30 fps @ 1920x1080	Maximum Resolution	30 fps @ 1920x1080
Focal Length	f = 3.7 mm	Focal Length	f = 1.6 mm
Aperture	F2.5	Aperture	F2.0
Field of View	93° (Horizontal) 48° (Vertical)	Field of View	180° (Horizontal) 140° (Vertical)
	117° (Diagonal)	Shutter Time	1/5 sec. to 1/32,000 sec.
Shutter Time	1/5 sec. to 1/32,000 sec.	WDR Technology	WDR Pro
WDR Technology	WDR Pro	Minimum Illumination	0.66 Lux @ F2.0 (Color)
Minimum Illumination	1.10 Lux @ F2.5 (Color)	Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom
Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom	S/N Ratio	47 dB
S/N Ratio	53 dB		
Dynamic Range	100 dB	Dynamic Range	100 dB
Dimensions	Ø 24 x 37 mm (Without cable)	Dimensions	Ø 24 x 43 mm (Without cable)
		Weight	221 g
Weight	221 g	Operating Temperature	Starting Temperature: 0'C ~ 50'C (32'F ~ 122'F) Working Temperature: -10'C ~ 50'C (14'F ~ 122'F)
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)		

Dimensions



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6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C. T: +886-2-82455282 F: +886-2-82455532 E: sales@vivotek.com W: www.vivotek.com