





2MP \cdot Smart Stream II \cdot SNV \cdot WDR Enhanced \cdot 3DNR \cdot Video Rotation \cdot Defog

VIVOTEK'S IP8166 is a professional box network camera equipped with a Full HD sensor enabling a viewing resolution of 1920x1080 at a smooth 30 fps. The IP8166 is capable of capturing high quality, high resolution video at up to 2 Megapixels in low light environments with VIVOTEK'S SNV technology, making the camera ideal for a wide range of video surveillance applications, including supermarkets, banks, hotels and parking lots and also suitable for many more situations.

Further empowering this professional 24/7 camera, VIVOTEK's Smart Stream II technology enables the IP8166 to optimize quality for a desired region or area and therefore to maximize efficiency of bandwidth usage. The IP8166 can reduce both bandwidth and storage consumption by up to 50%* while still retaining the same excellent image quality as a Full HD camera.

To meet the demands of diverse scenarios, the IP8166 is compatible with a variety of accessories, from external IR LEDs and enclosures, to long-range solutions and PoE total solutions. With the added support and flexibility of an abundance of professional accessories, the IP8166 is an excellent candidate for your total surveillance solution.

* Depending on scene being monitored.

Smart Stream II

Save up to 50% of bandwidth and storage by optimizing quality for moving regions or ROI.



Without Smart Stream II



With Smart Stream II

Key Features

- · 2-Megapixel CMOS Sensor
- · 30 fps @ 1920x1080
- \cdot SNV (Supreme Night Visibility) for Low Light Conditions
- · Smart Stream II to Optimize Bandwidth Efficiency
- \cdot WDR Enhanced for Unparalleled Visibility in High Contrast Environments
- · 3D Noise Reduction for Low-light Conditions
- · Video Rotation for Corridor View
- · Lens Profile to Ensure the Full Compatibility for Different Lens Options





Low Light



Lobby

Hotel



Supermarket

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Interface External line output Dimensions Network Users Live viewing for up to 10 clients IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS 10 Base-T/100 Base-TX Ethernet (RJ-45) **t is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard. 70 mm 193 mm	Compression	G711, G726				
Network Users Live viewing for up to 10 clients IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPNP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS Interface 10 Base-T/100 Base-TX Ethernet (RJ-45) "It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.	Interface					
Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS 70 mm 193 mm Interface 10 Base-T/100 Base-TX Ethernet (RJ-45) ** It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard. 70 mm 193 mm	Network		Dimensions			
Protocols RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS Interface 10 Base-T/100 Base-TX Ethernet (RJ-45) ** It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard. 70 mm 193 mm	Users	Live viewing for up to 10 clients				
Interface & CAT6 cables which are compliant with the 3P/ETL standard.	Protocols	RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPOE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL,				
	Interface	*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.	70 mm			
		Supported, specifications available at www.onvif. org				
Intelligent Video	Intelligent Video					

Compatible Accessories

Five-window video motion detection

Line crossing detection, field detection, loitering detection * Available per project request

Video Motion Detection

VCA

1-1-	AE-237 Camera Enclosure, AC 24V, IP66, IK10, -20°C ~ 50°C	1-1-1-	AE-241 Camera Enclosure with Internal IR, POE, IP66, IK10, -20°C ~ 50°C		AE-242 Camera Enclosure with Internal IR, UPOE, IP66, IK10, -40°C ~ 50°C	
R Illuminato	ors	Lens				
Í	Al-104-010/025/035 24W IR LED, distance 100M/ 50M/25M, -40°C ~ 50°C, 12~24VDC or 24VAC in	*	AL-242 CS mount, 12.5 ~ 50 mm, F1.4, P-iris, 1/2.7"	8	AL-243 CS mount, 7~22 mm, F1.4, P-iris, 1/2.7"	
oE Solutior	1					
and the second second	AW-GEV-264A-370 VivoCam L2 Managed 24xGE PoE + 2xGE Combo Switch	Times we	AW-FET-080A-120 Unmanaged 8xFE PoE Switch		AW-IHT-0200 Industrial 1xGE PoE + 1xGE SFP Switch	AW-IHT-0600 Industrial 4xGE PoE + 1xGE Combo + 1xGE SFP Switch

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