



FD8379-HV

Fixed Dome Network Camera

4MP · 30M IR · WDR Pro · Smart Stream II · IP66 · IK10 · Defog

VIVOTEK's FD8379-HV is an outdoor-ready IR fixed dome camera with a 4-Megapixel sensor offering a high resolution of 2688x1520 at 30 fps. Equipped with WDR Pro technology and a fixed 2.8 mm lens, the FD8379-HV provides improved visibility and top-notch quality video in high contrast environments.

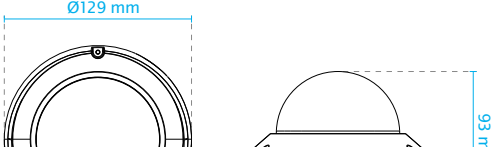
By adopting with VIVOTEK's sophisticated Smart Stream II technology, the FD8379-HV can optimize image quality for desired regions, and thus ensure maximum efficiency of bandwidth usage and savings of up to 50% on bandwidth and storage requirements.

Being suitable for challenging outdoor lighting conditions, the FD8379-HV features a removable IR-cut filter as well as IR illuminators effective up to 30 meters for superior image quality around the clock. For protection against harsh outdoor environments, the FD8379-HV is armed with a robust IP66- and IK10-rated housing to withstand rain and dust as well as to protect against vandalism or tampering.

Key Features

- 4-Megapixel CMOS Sensor
- 30 fps @ 2688x1520
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments (supports up to 2560x1440)
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Weather-proof IP66-rated and Vandal-proof IK10-rated Metal Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability

Technical Specifications

Model	FD8379-HV	Interface	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
System Information		ONVIF	Supported, specification available at www.onvif.org
CPU	Multimedia SoC (System-on-Chip)	Intelligent Video	
Flash	128MB	Video Motion Detection	Five-window video motion detection
RAM	256MB	VCA	Line crossing detection, field detection, loitering detection *Available per project request
Camera Features		Alarm and Event	
Image Sensor	1/3" progressive CMOS	Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
Maximum Resolution	2688x1520 (4MP)	Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card
Lens Type	Fixed-focal	General	
Focal Length	f = 2.8 mm	Connectors	RJ-45 for Network/PoE connection
Aperture	F1.8	LED Indicator	System power and status indicator
Field of View	114° (H) 61° (V) 132° (D)	Power Input	IEEE 802.3af PoE Class 0
Shutter Time	1/5 sec. to 1/16,000 sec.	Power Consumption	Max. 10 W
WDR Technology	WDR Pro	Dimensions	Ø 129 x 93 mm
Day/Night	Removable IR-cut filter for day & night function	Weight	Net: 590.6 g
Minimum Illumination	0.14 Lux @ F1.8 (Color) 0.01 Lux @ F1.8 (B/W)	Casing	Weather-proof IP66-rated housing Vandal-proof IK10-rated housing
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR IR LED*8	Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Humidity	90%
Video		Warranty	24 months
Compression	H.264 & MJPEG	System Requirements	
Maximum Frame Rate	30 fps @ 2688x1520 (without WDR Pro) 24 fps @ 2560x1440	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Maximum Streams	3 simultaneous streams	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
S/N Ratio	61.8dB	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Dynamic Range	110dB	Included Accessories	
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream II	Others	Quick installation guide, alignment sticker, screw pack
Image Settings	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, defog	Dimensions	
Network			
Users	Live viewing for up to 10 clients		
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		

Compatible Accessories

Mounting Kits



AM-21A
L-shape Bracket



AM-51D
Adapter Ring



AM-528
Mounting Adapter