



## IT9389-HT

Turret Dome Network Camera

5MP • 30M IR • WDR Pro • SNV • Smart Stream III •  
IP66 • Turret Dome

VIVOTEK's IT9389-HT is a H.265 outdoor turret network camera equipped with a 5-Megapixel sensor, enabling resolution of 2560x1920 at 30 fps. Featuring VIVOTEK SNV and WDR Pro technology, the IT9389-HT is capable of capturing high-quality imagery in both high contrast and low light environments.

The IT9389-HT offers a remote focus lens for different user scenarios. IR illuminators are equipped with 30-meter effective range for better night visibility. To provide reliable coverage in harsh outdoor environments, the IT9389-HT is encased in IP66 and IK08 housing.

By employing VIVOTEK's Smart Stream III technology and H.265 compression, the IT9389-HT is able to reduce bandwidth up to 90%\* while maintaining supreme image quality. Additionally, VIVOTEK VADP (VIVOTEK Application Development Platform) allows users to customize applications for the ever-expanding number of user scenarios in the diversified surveillance market.

\* Depending on scenes

### Key Features

- H.265 Compression Technology
- 30 fps @ 2560x1920 (WDR Pro on)
- 3.7 ~ 7.7 mm, Remote Focus
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- SNV (Supreme Night Visibility) for Low Light Conditions
- Built-in IR Illuminators, Effective up to 30 Meters
- Weather-proof IP66-rated and Vandal-proof IK08-rated Housing
- Built-in Microphone



Easy Installation and Compact Size

## Technical Specifications

Model	IT9389-HT	S/N Ratio	52dB
<b>System Information</b>		Dynamic Range	120 dB
CPU	Multimedia SoC (System-on-Chip)	Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III
Flash	128 MB	Image Settings	General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; Illuminators: illuminators, anti-overexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, HLM, DIS, scene mode (auto, deblur); Exposure: BLC, HLC, exposure control, AE speed adjustment, WDR; Focus: zoom, focus; Privacy mask; Scheduled profile settings
RAM	512 MB		
<b>Camera Features</b>		<b>Audio</b>	
Image Sensor	1/2.7" Progressive CMOS	Audio Capability	One-way Audio
Max. Resolution	2560x1920 (5MP)	Compression	G.711, G.726
Lens Type	Vari-focal, Remote Focus	Interface	Build-in microphone
Focal Length	f = 3.7 ~ 7.7 mm	Effective Range	5 meters
Aperture	F1.9 ~ F2.9	<b>Network</b>	
Iris type	Fixed iris	Users	Live viewing for up to 10 clients
Field of View	80° ~ 38° (Horizontal) 60° ~ 29° (Vertical) 101° ~ 48° (Diagonal)	Security	Access list, digest authentication, HTTPS, IEEE 802.1x, Password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), user access log, user account management
Shutter Time	1/5 sec. to 1/32,000 sec.	Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
WDR Technology	WDR Pro	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.
Day/Night	Yes	ONVIF	Profile G, S, T supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
Removable IR-cut filter	Yes	<b>Solution Integration</b>	
Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2	Smart Motion Detection	Five-window video motion detection, human detection, time filter
Minimum Illumination	0.09 Lux @ F1.9 (Color) 0.01 Lux @ F1.9 (B/W) 0 Lux with IR illumination on	Smart VCA	Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection, crowd detection, running detection
Pan Range	359°	VADP Package	Deep Learning VCA (Smart Motion Detection, Smart VCA), Trend Micro IoT Security (3-year free trial)
Tilt Range	75°		
Rotation Range	180°		
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)		
Storage	Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)		
Built-in Installation Aids	Remote focus, remote zoom		
<b>Video</b>			
Compression	H.265, H.264, MJPEG		
Maximum Frame Rate	30 fps @ 2560x1920 60 fps @ 1920x1080		
Maximum Streams	3 video streams (Up to 8 configurable profiles)		

## Technical Specifications

<b>Alarm and Event</b>	
Event Trigger	Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, shock detection, system boot
Event Action	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
<b>General</b>	<b>File upload via email, HTTP, FTP, NAS server, SD card</b>
Connectors	RJ-45 cable connector for Network 10/100 Mbps PoE connection
Power Input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 9 W (IR on) Max. 8 W (IR off)
Dimensions	Ø 122 x 99 mm (w/ mounting bracket) Ø 108 x 79 mm (w/o mounting bracket)
Weight	392 g (w/ mounting bracket) 332 g (w/o mounting bracket)
Certifications	EMC: CE (EN 55032 Class B, EN 55024), FCC (FCC Part 15 Subpart B Class B), VCCI (VCCI-CISPR 32 Class B); Safety: UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471); Environment: IK08 (IEC 62262), IP66 (IEC 60529); IA: BIS (IS 13252)
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Humidity	90%

Warranty	36 months
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### System Requirements

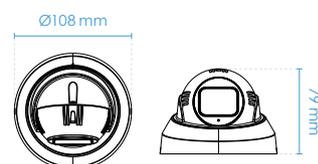
Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

### Included Accessories

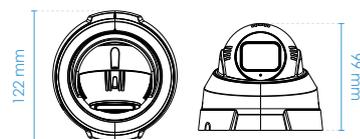
Packing Contents	Quick installation guide, alignment sticker, screw pack, mounting bracket
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### Dimensions

#### w/o mounting bracket



#### w/ mounting bracket



## Compatible Accessories

### Mounting Kits



AM-21M  
L-shape Bracket



AM-52E  
Mounting Adapter

## Ordering Information

Model	Description	Part Number
IT9389-HT	5MP, 30fps, 3.7~7.7mm, 30M IR, Smart Stream III, Operating Temperature: -20°C ~ 50°C	100200700G
IT9389-HT (Black)	5MP, 30fps, 3.7~7.7mm, 30M IR, Smart Stream III, Operating Temperature: -20°C ~ 50°C, Black	100210300G



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