VIVOTEK

V series

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

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB

Camera Features

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2560x1920 (5MP)
Lens Type	Vari-focal, Remote Focus
Focal Length	f = 3.7 ~ 7.7 mm
Aperture	F1.9 ~ F2.9
Iris type	Fixed-iris
Field of View	38° ~ 80° (Horizontal) 29° ~ 60° (Vertical) 48° ~ 101° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2
Minimum Illumination	0.09 Lux @ F1.9 (Color) 0.01 Lux @ F1.9 (B/W) 0 Lux with IR illumination on
Pan Range	359°
Tilt Range	75°
Rotation Range	180°
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate	30 fps @ 2560x1920 60 fps @ 1920x1080
Maximum Streams	3 simultaneous streams
S/N Ratio	52dB
Dynamic Range	120 dB
Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III
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, HLC, defog, 3DNR, DIS, video rotation

Audio

Audio Capability	One-way Audio
Compression	G.711, G.726
Interface	Build-in microphone
Effective Range	5 meters

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, CIFS/SMB
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.
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video

Smart Motion Detection	Five-window video motion detection, human detection, time filter
VCA	Standard VCA (optional) *Including line crossing detection, field detection, loitering detection
VADP Package	Genetec package, Trend Micro IoT Security, Smart Motion Detection, Stratocast(support)

Alarm and Event

Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, MicroSD card life expectancy, Shock Detection
Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and MicroSD card File upload via HTTP, SMTP, FTP, NAS server and MicroSD card

General

Connectors	RJ-45 cable connector for Network 10/100 Mbps PoE connection*1
LED Indicator	System power and status indicator
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)
Casing	IP66, IK08
Safety Certifications	CE, FCC Class A, UL, LVD, VCCI, C-Tick
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)

Technical Specifications

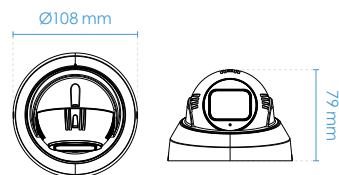|	
Humidity	90%
Warranty	36 months

System Requirements

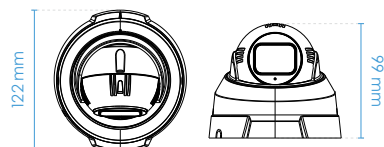|	
Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

Included Accessories

Others	Quick installation guide, alignment sticker, screw pack, mounting bracket

Dimensions

w/o mounting bracket

Ø108 mm

79 mm

w/ mounting bracket

122 mm

99 mm

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