# VIVOTEK

C series

IT9380-H

Turret Dome Network Camera

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

- H.265 Compression Technology
- 20fps @ 2560x1920 (WDR Pro on)
- 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 IK10-rated Housing
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Trend Micro IoT Security
- Built-in Microphone

TREND MICRO

Stratocast™
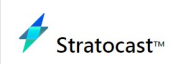
Technical Specifications

System Information

Model	IT9380-H (2.8mm) IT9380-H (3.6mm)
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	Fixed-focal
Focal Length	IT9380-H(2.8mm): f = 2.8 mm IT9380-H(3.6mm): f = 3.6 mm
Aperture	F2.0
Auto-iris	Fixed-iris
Field of View	IT9380-H(2.8mm): 103° (Horizontal) 76° (Vertical) 134° (Diagonal) IT9380-H(3.6mm): 76° (Horizontal) 59° (Vertical) 100° (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	0.03 Lux @ F2.0 (Color) <0.005 Lux @ F2.0 (B/W) 0 Lux with IR illumination on
Pan Range	360°
Tilt Range	70°
Rotation Range	360°
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

Video Compression	H.265, H.264, MJPEG
Maximum Frame Rate	20 fps @ 2560x1920
Maximum Streams	3 simultaneous streams
S/N Ratio	IT9380-H(2.8mm): 65dB IT9380-H(3.6mm): 67dB
Dynamic Range	120 dB
Video Streaming	Adjustable resolution, quality and bit rate control, 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, video rotation

## Audio

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

Network

Users	Live viewing for up to 10 clients

Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
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

Solution Integration

Video Motion Detection	Five-window video motion detection
VADP Package	Trend Micro IoT Security, Stratocast

Alarm and Event

Alarm Triggers	Motion detection, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, manual trigger, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event)
Alarm Events	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD 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 2
Power Consumption	Max. 6 W (IR on) Max. 3.31 W (IR off)
Dimensions	Ø 105 x 82.5 mm
Weight	475 g
Casing	IP66, IK10(Metal Housing)
Safety Certifications	CE, FCC Class B, UL, LVD, VCCI, C-Tick
Operating Temperature	Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -20°C ~ 60°C (-4°F ~ 140°F)
Humidity	90%
Warranty	24 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, cable gland

Dimensions

Ø 105 mm

82.5 mm
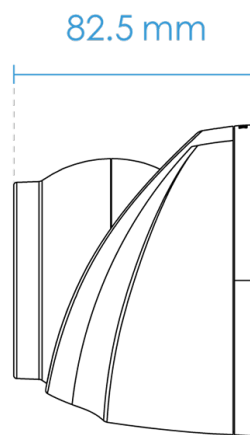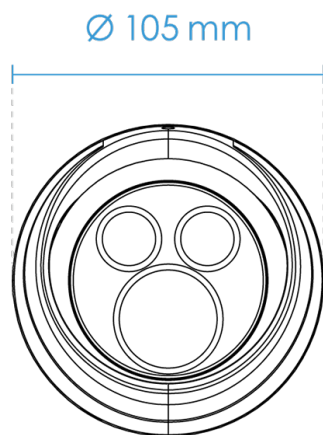
Compatible Accessories

Mounting Kit	Mounting Kit
AM-21M	AM-52E
L-shape Bracket	Mounting Adapter
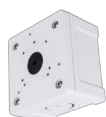
Mounting Kit	
AM-71C	
Outdoor Junction Box	