



## C Series

# IT9388-HT

## 5MP Outdoor Turret Network Camera



### Technical Specifications

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

| Camera Specifications   |  |
|-------------------------|--|
| Image Sensor            | 1/2.7" Progressive CMOS  |
| Max. Resolution         | 2560x1920 (5MP)  |
| Lens Type               | Motorized, Vari-focal, Remote Focus  |
| Focal Length            | f = 2.8 ~ 12mm   |
| Aperture                | F1.4 ~ F2.8  |
| Iris Type               | Fixed iris   |
| Field of View           | 90° ~ 30° (Horizontal)<br>65° ~ 23° (Vertical)<br>115° ~ 38°(Diagonal)               |
| Shutter Time            | 1/5 sec. to 1/32,000 sec.  |
| WDR Technology          | WDR Pro  |
| Day/Night               | Yes  |
| Removable IR-cut filter | Yes  |
| Illuminators            | Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2          |
| Minimum Illumination    | 0.035 lux @ F1.4 (Color)<br><0.005 lux @ F1.4 (B/W)<br>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)   |
| Storage                       | Seamless Recording to MicroSD/SDHC/SDXC card (1TB capacity supported) and recording to network-attached storage (NAS) |

| Video              |  |
|--------------------|--|
| Compression        | H.265, H.264, MJPEG  |
| Maximum Frame Rate | 20 fps @ 2560x1920   |
| Maximum Streams    | 3 video streams (Up to 8 configurable profiles)  |
| S/N Ratio          | 61 dB  |
| Dynamic Range      | 120 dB   |
| Video Streaming    | Adjustable resolution, quality and constant bit rate control, Smart Stream III   |
| Image Settings     | <p>General settings<br/>video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings</p> <p>Illuminators<br/>illuminators, anti-overexposure</p> <p>Image settings<br/>white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR</p> <p>Exposure<br/>BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR</p> <p>Privacy mask<br/>Scheduled profile settings</p> |

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

| Network   |   |
|-----------|---|
| Users     | Live viewing for up to 10 clients   |
| Security  | Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), user access log, user account management |
| 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                             |
| Interface | 10 Base-T/100 Base-TX Ethernet (RJ-45)<br>*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.   |
| ONVIF     | Profile G, S, T supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>  |

| Solution Integration   |   |
|------------------------|---|
| Video Motion Detection | Motion Detection (Five-window video motion detection) |

| Alarm and Event |  |
|-----------------|--|
|-----------------|--|

|               |   |
|---------------|---|
| 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, system boot |
| Event Action  | Event notification via email, HTTP, FTP, NAS server, SD card, push notification<br>File upload via email, HTTP, FTP, NAS server, SD card  |

| General               |  |
|-----------------------|--|
| Connectors            | RJ-45 cable connector for 10/100 Mbps Network/PoE connection   |
| LED Indicator         | -<br>* Hidden system power and status indicator  |
| Power Input           | IEEE 802.3af PoE Class 0   |
| Power Consumption     | Max. 9.8 W/6.29 W (IR on/off)  |
| Dimensions            | ø 120 x 90.5 mm  |
| Weight                | 625 g  |
| Certifications        | <p>EMC<br/>CE (EN 55032 Class B, EN 55024), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B)</p> <p>Safety<br/>UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471)</p> <p>Environment<br/>IK10 (IEC 62262), IP66 (IEC 60529)</p> <p>IA<br/>BIS (IS 13252)</p> <p>* IK10(Metal Housing)</p> |
| Operating Temperature | <p>Starting Temperature:<br/>-10°C ~ 60°C (14°F ~ 140°F)</p> <p>Working Temperature:<br/>-30°C ~ 60°C (-22°F ~ 140°F)</p>  |
| Humidity              | 90%  |

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

| Included Accessories |  |
|----------------------|--|
| Packing Contents     | Quick installation guide, alignment sticker, screw pack, cable gland |