

Code: TC-C38XQ SPEC:I3W/E/Y/2.8MM/V4.2

## IP CAMERA **TC-C38XQ SPEC:I3W/E/Y/2.8MM/V4.2** - 8 Mpx 4K UHD 2.8 mm TIANDY

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 8 MPx.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).



|                                    |                                                                                                                                                         |
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| Standard:                          | IP                                                                                                                                                      |
| Resolution:                        | 3840 x 2160 - 8 Mpx 4K UHD ,<br>3072 x 2048 - 6 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p |
| Sensor:                            | 1/2.8 " Progressive Scan CMOS                                                                                                                           |
| Lens:                              | 2.8 mm                                                                                                                                                  |
| View angle:                        | 105 °                                                                                                                                                   |
| Range of IR illumination:          | 30 m                                                                                                                                                    |
| White light LED illuminator range: | 15 m                                                                                                                                                    |
| Memory card slot:                  | Micro SD card support up to 512GB                                                                                                                       |
| Image compression method:          | S+265 / H.265 / H.264                                                                                                                                   |
| Alarm inputs / outputs:            | 1 / 1                                                                                                                                                   |



# DATA SHEET

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| Audio:                         | <ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Speaker built-in</li><li>• Audio input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Main stream frame rate:        | <ul style="list-style-type: none"><li>• 20 fps @ 8 Mpx</li><li>• 25 fps @ 3.7 Mpx</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Interface:                     | 10/100 Base-TX (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Max. number of on-line users:  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ONVIF:                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mobile phones support:         | Port no.: 3000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">EasyLive Plus</a></li><li>• iOS (iPhone): Free application <a href="#">EasyLive Plus</a></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Access from PC:                | Port no.: 3000 or access by a cloud (P2P) - PC: Free application <a href="#">Easy7 Smart Client Express</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Default IP address:            | 192.168.1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Web browser access ports:      | 80, 443, 3000, 3001, 3002, 23002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mobile client access ports:    | 3000, 3001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PC client access ports:        | 3000, 3001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Intelligent image analysis:    | <ul style="list-style-type: none"><li>• classification of people and vehicles</li><li>• video tampering</li><li>• crossing the line (tripwire)</li><li>• intrusion</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main features:                 | <ul style="list-style-type: none"><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• ROI - improve the quality of selected parts of image</li><li>• Corridor mode</li><li>• AGC - Automatic Gain Control</li><li>• NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network</li><li>• ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• ICR - Movable InfraRed filter</li><li>• Day/night mode</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Early Warning (EW) - combination of white light warning with audio signals</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 583 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power consumption:             | ≤ 8.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Housing:                       | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



# DATA SHEET

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| "Index of Protection":       | IP66                                                                                                                                                  |
| Mechanical protection class: | —                                                                                                                                                     |
| Operation temp:              | -40 °C ... 65 °C                                                                                                                                      |
| Weight:                      | 0.53 kg                                                                                                                                               |
| Dimensions:                  | Ø 117 x 96 mm                                                                                                                                         |
| Supported languages:         | Polish, English, Albanian, Arabic, Spanish, French, Dutch, Hebrew, Korean, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian |
| Manufacturer / Brand:        | TIANDY                                                                                                                                                |
| Guarantee:                   | <b>3 years</b>                                                                                                                                        |