

Code: TC-C32KN SPEC:I3/A/E/Y/2.8-12MM/V4.2

# IP CAMERA TC-C32KN SPEC:I3/A/E/Y/2.8-12MM/V4.2 - 1080p 2.8 ... 12 mm TIANDY

Net: 159.96 EUR Gross: 159.96 EUR

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.

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).

**Attention!** Enabling the ONVIF protocol in the camera disables P2P access.



## SPECIFICATION

|                               |                                                                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Standard:                     | IP                                                                                                                              |
| Resolution:                   | 1920 x 1080 - 1080p ,<br>1280 x 720 - 720p                                                                                      |
| Sensor:                       | 1/2.8 " Progressive Scan CMOS                                                                                                   |
| Lens:                         | 2.8 ... 12 mm - Motozoom                                                                                                        |
| View angle:                   | <ul style="list-style-type: none"><li>• 108 ° ... 31 ° (manufacturer data)</li><li>• 98 ° ... 30 ° (our tests result)</li></ul> |
| Range of IR illumination:     | 30 m                                                                                                                            |
| Memory card slot:             | Micro SD memory cards up to 512GB support (possible local recording)                                                            |
| Image compression method:     | S+265 / H.265 / H.264                                                                                                           |
| Alarm inputs / outputs:       | —                                                                                                                               |
| Audio:                        | <ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Audio transmission via network</li></ul>                  |
| Main stream frame rate:       | 25 fps @ 1080p                                                                                                                  |
| Interface:                    | 10/100 Base-TX (RJ-45)                                                                                                          |
| WEB Server:                   | Built-in                                                                                                                        |
| Max. number of on-line users: | 2                                                                                                                               |
| ONVIF:                        | ✓                                                                                                                               |

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|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile phones support:         | Port no.: 3000 or access by a cloud (P2P)<br>• Android: Free application <a href="#">EasyLive Plus</a><br>• iOS (iPhone): Free application <a href="#">EasyLive Plus</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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:            | DHCP or 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 2D-DNR, 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>• 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>• Motion Detection</li> <li>• Privacy zones</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 630 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power consumption:             | ≤ 7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Housing:                       | Dome - Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                        | 0.4 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions:                    | Ø 120 x 96 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supported languages:           | Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer / Brand:          | TIANDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## PRESENTATION

Camera view after remove the Dome cover:



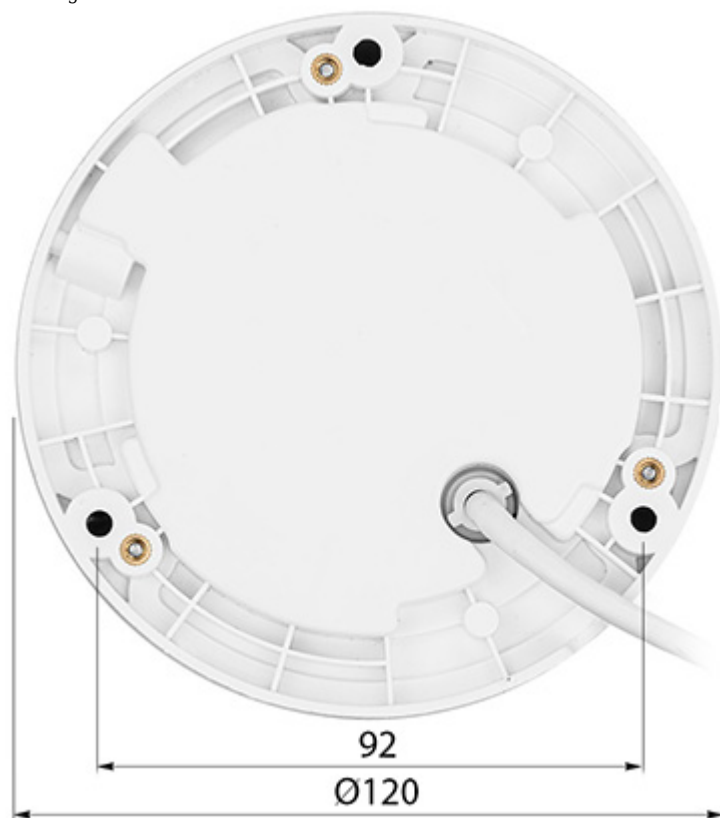
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Memory card slot and "Reset" button:



Mounting side view:



In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|