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|---------------------------------|---|---|
|                                 | <a href="#">IP SPEED DOME CAMERA OUTDOOR TC-H326S SPEC:33X/I/E+/A/V3.0 - 1080p 4.6 ... 152 mm TIANDY</a>                            | <a href="#">AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7108HQHI-K1(C)(S) 8 CHANNELS Hikvision</a> |
|                                 |    |                |
|                                 | 5084.00 PLN<br>5084.00 PLN  | 584.00 PLN<br>584.00 PLN  |
| Sensor                          | 1/2.8 " Progressive Scan CMOS   | ...   |
| Matrix size                     | 2 Mpx   | ...   |
| Standard                        | IP  | AHD, HD-CVI, HD-TVI, CVBS, TCP/IP   |
| Resolution                      | 1920 x 1080 - 1080p ,<br>1280 x 720 720p  | ...   |
| Video inputs                    | ...   | 8 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS  |
| Lens                            | 4.6 ... 152 mm  | ...   |
| Video outputs                   | ...   | 1 pcs HDMI<br>1 pcs VGA   |
| Audio inputs                    | ...   | 1 pcs CINCH, Coaxial audio - Audio from cameras   |
| Audio outputs                   | ...   | 1 pcs CINCH   |
| View angle                      | <ul style="list-style-type: none"> <li>• 60 ° ... 2.3 ° (manufacturer data)</li> <li>• 57 ° ... 2.8 ° (our tests result)</li> </ul> | ...   |
| Optical zoom                    | x 33  | ...   |
| Digital zoom                    | x 16  | ...   |
| Range of IR illumination        | 200 m   | ...   |
| Video output                    | —   | ...   |
| Preset rotation speed           | <ul style="list-style-type: none"> <li>• 240 °/s (horizontal)</li> <li>• 120 °/s (vertical)</li> </ul>                              | ...   |
| Rotation speed (manual control) | <ul style="list-style-type: none"> <li>• 0.1 °/s ... 180 °/s (horizontal)</li> <li>• 0.1 °/s ... 120 °/s (vertical)</li> </ul>      | ...   |
| Horizontal rotation range       | 360 ° - continuous  | ...   |
| Vertical rotation range         | -16 ° ... 90 °  | ...   |
| RS-485 interface                | ✓   | ...   |
| Number of presets               | 500   | ...   |
| Horizontal scan                 | ✓   | ...   |
| Route settings                  | 8   | ...   |
| Image compression method        | S+265 / H.265 / H.264 / MJPEG   | H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264   |
| Audio                           | <ul style="list-style-type: none"> <li>• Audio input</li> <li>• Audio output</li> </ul>   | ...   |

|                              |  |     |
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| Main stream frame rate       | 25 fps @ 1080p   | ... |
| WEB Server                   | Built-in   | ... |
| ONVIF                        | ✓  | ... |
| Memory card slot             | Micro SD card support up to 512GB  | ... |
| Access from PC               | Port no.: 3000 or access by a cloud (P2P) - PC: Free application <a href="#">Easy7 Smart Client Express</a>  | ... |
| Max. number of on-line users | ≤ 7  | ... |
| Intelligent image analysis   | <ul style="list-style-type: none"> <li>• classification of people and vehicles</li> <li>• crossing the line (tripwire)</li> <li>• double crossing the line</li> <li>• intrusion</li> <li>• abandoned/missing object</li> <li>• illegal parking</li> <li>• people counting</li> <li>• detection of people gathering</li> <li>• heat map</li> <li>• detection of loitering in a given area</li> <li>• running</li> <li>• protective helmet detection</li> <li>• detection of persons on duty</li> <li>• face detection</li> <li>• video tampering</li> </ul> | ... |



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|---------------------------|---|---|
| Image records resolutions | ...   | <ul style="list-style-type: none"> <li>• HD-TVI :<br/>4M-N - 1280 x 1440 ,<br/>3 Mpx - 1920 x 1536 - Channel 1 / 2 ,<br/>1080p - 1920 x 1080 ,<br/>1080N - 960 x 1080 ,<br/>720p - 1280 x 720</li> <li>• AHD :<br/>4M-N - 1280 x 1440 ,<br/>1080p - 1920 x 1080 ,<br/>1080N - 960 x 1080 ,<br/>720p - 1280 x 720</li> <li>• HD-CVI :<br/>4M-N - 1280 x 1440 ,<br/>1080p - 1920 x 1080 ,<br/>1080N - 960 x 1080 ,<br/>720p - 1280 x 720 ,</li> <li>• CVBS :<br/>960H - 960 x 576 ,</li> <li>• IP :<br/>max. 6 Mpx - 3072 x 2048</li> </ul> |
| 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>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</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>• Day/night mode</li> <li>• ICR - Movable InfraRed filter</li> <li>• Motion Detection</li> <li>• Image rotation and mirror</li> <li>• Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions</li> <li>• Intelligent Object Tracking</li> </ul> | ...   |
| Power consumption         | max. 24 W   | ...   |
| Housing                   | Speed Dome, Aluminum  | ...   |



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|                                    |  |   |
|------------------------------------|--|---|
| Recording speed adjustment         | ...  | 6 Mpx IP @ 1 ... 25 fps<br>4M-N @ 1 ... 15 fps<br>3 Mpx @ 1 ... 15 fps<br>1080p @ 1 ... 15 fps<br>1080N @ 1 ... 25 fps<br>720p @ 1 ... 25 fps<br>960H @ 1 ... 25 fps<br>D1 @ 1 ... 25 fps<br>for each channel |
| Operation temp                     | -30 °C ... 65 °C   | ...   |
| "Index of Protection"              | IP66   | ...   |
| Vandal-proof                       | —  | ...   |
| Operation modes                    | ...  | 8 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP  |
| Recording modes                    | ...  | Manual, Motion Detection, Schedule  |
| Supported hard drives              | ...  | 1 x 6 TB SATA   |
| External storage devices backup    | ...  | Backup to USB drive (pendrive, external drive)  |
| Searching and playback the records | ...  | Records searching: timeline or file list. Playback: forward, fast, slow.<br>Playback max. 8 cameras in the same time  |
| Network interface                  | 10/100 Base-T (RJ-45)  | 1 x RJ-45 - 10/100 Base-TX  |
| Bitrate                            | ...  | 32 ... 6144 kbps  |
| Network functions                  | ...  | Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters   |
| Network protocols                  | ...  | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF  |
| 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> | Port no.: 8000 or access by a cloud (P2P)<br>• Android: Free application <a href="#">Hik-Connect</a><br>• iOS: Free application <a href="#">Hik-Connect</a>   |
| Default admin user / password      | admin / -<br>The administrator password should be set at the first start   | admin / -   |
| Default IP address                 | 192.168.1.2  | DHCP or 192.168.1.64  |
| Web browser access ports           | 80, 443, 3000, 3001, 3002, 23002   | 80  |
| PC client access ports             | 3000, 3001   | 554 RTSP, 8000  |
| Mobile client access ports         | 3000, 3001   | 8000  |
| Port ONVIF                         | 80   | 80  |
| RTSP URL                           | ...  | •<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/<br>- Main stream<br>•<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/<br>- Sub stream                   |

|                                 |   |  |
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| Alarm inputs / outputs          | 1 / 1   | —  |
| PTZ control                     | ...   | Control compatible with coax HD-TVI Hikvision  |
| Motion Detection                | ...   | Split the screen into zones : 22 x 18 motion zones   |
| USB                             | ...   | 2 pcs USB 2.0  |
| Mouse support                   | ...   | ✓  |
| IR remote controller in the set | ...   | —  |
| Power supply                    | <ul style="list-style-type: none"> <li>• PoE (802.3at),</li> <li>• 12 V DC</li> </ul>   | 12 V DC / 1.5 A (power adapter included)   |
| Color                           | White + Black   | White  |
| Weight                          | 5.3 kg  | 0.5 kg   |
| Dimensions                      | Ø 226 x 372 mm (without bracket)  | 210 x 200 x 48 mm  |
| Supported languages             | Polish, English, Albanian, Arabic, Spanish, Korean, Turkish, Russian, French, Dutch, Hebrew, German, Portuguese, Thai, Ukrainian, Vietnamese, Italian | Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian |
| Manufacturer / Brand            | TIANDY  | Hikvision  |
| SAP Code                        | ...   | 300226918  |
| Guarantee                       | 3 years   | 3 years  |

