

Code: TC-H324S SPEC:25X/I/E/A/V/V3.0

IP SPEED DOME CAMERA OUTDOOR **TC-H324S SPEC:25X/I/E/A/V/V3.0** - 1080p 4.8 ... 120 mm TIANDY

IP camera equipped with very good high resolution sensor. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

Built-in IR illuminator allows to operate at night conditions, and vari-focal lens with wide range of view angle adjustment enables optimal set the view field of camera to all conditions. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.

For a few models of IP cameras working at $\geq 1920 \times 1080$ resolution we recommend to use of network with 1Gb/s bandwidth.



Standard:	IP
Resolution:	1920 x 1080 - 1080p , 1280 x 720 720p
Sensor:	1/2.8 " Progressive Scan CMOS
Lens:	4.8 ... 120 mm
View angle:	58 ° ... 2.8 °
Optical zoom:	x 25
Digital zoom:	x 16
Range of IR illumination:	150 m
Video output:	—
Preset rotation speed:	• 240 °/s (horizontal) • 180 °/s (vertical)
Rotation speed (manual control):	• 0.1 °/s ... 200 °/s (horizontal) • 0.1 °/s ... 120 °/s (vertical)

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
Alarm inputs / outputs:	1 / 1
Audio:	• Audio input • Audio output
Main stream frame rate:	25 fps @ 1080p
Interface:	10/100 Base-T (RJ-45)
WEB Server:	Built-in
Max. number of on-line users:	32
ONVIF:	✓
Memory card slot:	Micro SD card support up to 512GB
Mobile phones support:	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus
Access from PC:	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express
Default IP address:	DHCP or 192.168.1.2
Default admin user / password:	admin / - 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:	• classification of people and vehicles • video tampering • abandoned/missing object • double crossing the line • crossing the line (tripwire)

Main features:	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • 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 • BLC/HLC - Back Light / High Light Compensation • Day/night mode • ICR - Movable InfraRed filter • Motion Detection • Image rotation and mirror • Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions
Protections:	• Overvoltage protection : 6 kV
Power supply:	• PoE (802.3at), • 12 V DC
Power consumption:	≤ 22 W
Housing:	Speed Dome, Aluminum
Color:	White + Black
Operation temp:	-30 °C ... 65 °C
"Index of Protection":	IP66
Mechanical protection class:	—
Weight:	3.1 kg
Dimensions:	Ø 161 x 276 mm (without bracket)
Supported languages:	Polish, English, Albanian, Arabic, Korean, French, Hebrew, Spanish, Dutch, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian
Manufacturer / Brand:	TIANDY
Guarantee:	3 years