



	IP SPEED DOME CAMERA OUTDOOR TC-H354S SPEC:23X/I/E/V3.1 - 5 Mpx 5 ... 115 mm TIANDY	IP SPEED DOME CAMERA OUTDOOR TC-H324S SPEC:25X/I/E/A/V3.0 - 1080p 4.8 ... 120 mm TIANDY
		
	6446.82 DKK 6446.82 DKK	6207.65 DKK 6207.65 DKK
Standard	IP	IP
Resolution	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p
Sensor	1/2.7 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS
Lens	5 ... 115 mm	4.8 ... 120 mm
View angle	<ul style="list-style-type: none"> • 58 ° ... 3 ° (manufacturer data) • 55 ° ... 3.5 ° (our tests result) 	58 ° ... 2.8 °
Optical zoom	x 23	x 25
Digital zoom	x 16	x 16
Range of IR illumination	150 m	150 m
Video output	—	—
Preset rotation speed	<ul style="list-style-type: none"> • 80 °/s (horizontal) • 80 °/s (vertical) 	<ul style="list-style-type: none"> • 240 °/s (horizontal) • 180 °/s (vertical)
Rotation speed (manual control)	<ul style="list-style-type: none"> • 0.1 °/s ... 80 °/s (horizontal) • 0.1 °/s ... 80 °/s (vertical) 	<ul style="list-style-type: none"> • 0.1 °/s ... 200 °/s (horizontal) • 0.1 °/s ... 120 °/s (vertical)
Horizontal rotation range	360 ° - continuous	360 ° - continuous
Vertical rotation range	-16 ° ... 90 °	-16 ° ... 90 °
RS-485 interface	✓	—
Number of presets	500	500
Horizontal scan	✓	✓
Route settings	8	8
Image compression method	S+265 / H.265 / H.264 / MJPEG	S+265 / H.265 / H.264 / MJPEG
Alarm inputs / outputs	1 / 1	1 / 1
Audio	<ul style="list-style-type: none"> • Audio input • Audio output 	<ul style="list-style-type: none"> • Audio input • Audio output
Main stream frame rate	25 fps @ 3.7	25 fps @ 1080p
Interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)

WEB Server	Built-in	Built-in
Max. number of on-line users	32	32
ONVIF	✓	✓
Memory card slot	Micro SD card support up to 512GB	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	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	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	DHCP or 192.168.1.2
Default admin user / password	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start
Web browser access ports	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002
Mobile client access ports	3000, 3001	3000, 3001
PC client access ports	3000, 3001	3000, 3001
Port ONVIF	80	80
Intelligent image analysis	<ul style="list-style-type: none"> • Intelligent Object Tracking • video tampering • detection of persons on duty • protective helmet detection • detection of people gathering • people counting • parking detection • running • detection of loitering in a given area • heat map • abandoned/missing object • double crossing the line • crossing the line (tripwire) • classification of people and vehicles • Face recognition 	<ul style="list-style-type: none"> • classification of people and vehicles • video tampering • abandoned/missing object • double crossing the line • crossing the line (tripwire) • intrusion • face detection • Intelligent Object Tracking

Main features	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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	• Overvoltage protection : 6 kV
Power supply	• PoE (802.3at), • 12 V DC	• PoE (802.3at), • 12 V DC
Power consumption	≤ 19.4 W	≤ 22 W
Housing	Speed Dome, Aluminum + Plastic (PC + ABS)	Speed Dome, Aluminum
Color	White + Black	White + Black
Operation temp	-30 °C ... 65 °C	-30 °C ... 65 °C
"Index of Protection"	IP66	IP66
Mechanical protection class	—	—
Weight	2.2 kg	3.1 kg
Dimensions	Ø 161 x 276 mm (without bracket)	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	Polish, English, Albanian, Arabic, Korean, French, Hebrew, Spanish, Dutch, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian
Manufacturer / Brand	TIANDY	TIANDY
Guarantee	3 years	3 years