




	IP HYBRID THERMAL IMAGING CAMERA TC-H358M SPEC:44X/IT/A - 5 Mpx 6 ... 264 mm TIANDY	SWITCH POE S-64 4-PORT PULSAR	ACCESS CONTROLLER MODULE MC16-PAC-EX-11 ROGER
			
	77368.00 PLN 77368.00 PLN	199.00 PLN 199.00 PLN	8700.00 PLN 8700.00 PLN
LAN ports	...	<ul style="list-style-type: none"> • 4 x RJ45 10/100 Base-TX - PoE (802.3af/at), • 2 x RJ45 10/100 Base-TX - Uplink ports 	...
Number of served transitions	...	...	11
Inputs	...	...	66
Outputs	...	...	44
Thermal sensitivity (NETD)	< 40 mK	...	...
Number of users	...	...	max. 12000 - Number of identifiers
Management	...	—	...
Spectral range	8 μm ... 14 μm	...	...
Number of media per ID	...	...	8 - Proximity card, PIN code, fingerprint, etc.
Color palettes	18	...	...
Number of permissions per ID	...	...	100
Buffer memory	...	...	8 000 000 events buffer
MCT readers support	...	...	16 pcs
Temperature measurement	—	...	...
Readers connections	...	...	4 pcs - Wiegand / PRT
Number of login points	...	...	22
Number of access terminals	...	...	44
Number of access zones	...	...	22
Number of alarm zones	...	...	22
Number of automation nodes	...	...	22
Battery backup support	...	...	12 V / 7 Ah
Transmission speed	...	<ul style="list-style-type: none"> • 10 / 100 Mbps - 4 LAN & PoE ports, • 10 / 100 Mbps - 2 Uplink ports 	...
Maximal output power	...	30 W / port PoE	...
Communication	...	...	<ul style="list-style-type: none"> • Ethernet - RJ-45 socket • RS-485 interface • RACS 5 v2 (Roger)

Maximal total power	...	48 W	...
MAC addresses table	...	1k	...
Certificates	...	CE	...
Resolution	3072 x 1728 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	...	...
Main features	...	...	<ul style="list-style-type: none"> • Integrated support in VISO EX software • Functions in the VISO EX system: - MSSQL database - work in distributed systems - multi-station work - monitoring of transitions with video preview - T&A event reporting - maximum number of transitions in the system - unlimited - division of the system into partitions operated by independent operators - tool for integration with RACS5 (API) systems - integration with many systems (elevator systems, building applications, SMS, BMS, PSIM, VMS, Active Directory systems)
Sensor	Uncooled VOx microbolometer 1/1.8 " Progressive Scan CMOS	...	...
Matrix size	384 x 288 px 5 Mpx	...	...
Lens	50 mm 6 ... 264 mm	...	...
View angle	7.5 ° 61 ° ... 2.3 °	...	...
Optical zoom	x 44	...	...
Operation temp	...	...	5 °C ... 40 °C
Digital zoom	x 16	...	...
Range of IR illumination	300 m	...	...
Permissible relative humidity	...	...	10 % ... 95 % (non-condensing)
Standard	IP	...	...
Video output	—	...	...
RS-485 interface	✓	...	...

Memory card slot	Micro SD card support up to 256GB	...	...
Image compression method	S+265 / H.265 / H.264	...	...
Alarm inputs / outputs	8 / 2	...	...
Audio	<ul style="list-style-type: none"> • Audio input, • Audio output • Speaker built-in • Bi-directional audio streaming support • Compliance with the AAC standard	...	...
Main stream frame rate	25 fps @ 384 x 288 px - Thermal Imaging Camera 25 fps @ 5 Mpx 50 fps @ 3.7 Mpx	...	...
Interface	2 x 100/1000 Base-T (RJ-45)	...	...
WEB Server	Built-in	...	...
Max. number of on-line users	7	...	...
ONVIF	✓	...	...
Mobile phones support	Port no.: 3000 or access by a cloud (P2P) <ul style="list-style-type: none"> • 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	...	...
Preset rotation speed	<ul style="list-style-type: none"> • 200 °/s (horizontal) • 120 °/s (vertical)	...	...

Rotation speed (manual control)	<ul style="list-style-type: none"> • 0.1 °/s ... 160 °/s (horizontal) • 0.1 °/s ... 120 °/s (vertical)	...	...
Horizontal rotation range	360 ° - continuous	...	...
Vertical rotation range	-21 ° ... 90 °	...	...
Number of presets	500	...	...
Horizontal scan	✓	...	...
Route settings	16	...	...
Intelligent image analysis	<ul style="list-style-type: none"> • crossing the line (tripwire) • intrusion • classification of people and vehicles • video tampering • detection of persons on duty • detection of people gathering • heat map • parking detection • running • detection of loitering in a given area • abandoned/missing object • double crossing the line • people counting • face detection • Intelligent Object Tracking	...	...



Main features	<ul style="list-style-type: none"> • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • D-WDR - Wide Dynamic Range • EIS - Electronic Image Stabilization • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • Motion Detection • Configurable Privacy Zones • Sharpness - sharper image outlines • Early Warning (EW) - combination of white light warning with audio signals • 6kV protection of the camera and its structure against the effects of lightning	...	...
Power supply	24 V AC (power adapter included)	52 V DC / 1.15 A (power adapter included)	<ul style="list-style-type: none"> • 17 ... 22 V AC • 10 ... 15 V DC • 22 ... 26 V DC
Power consumption	≤ 67 W	...	...
Housing	Speed Dome	...	...
Color	White + Black	...	...
"Index of Protection"	IP66	...	...
Operation temp	-40 °C ... 70 °C	...	...
Weight	12.8 kg	0.24 kg	0.14 kg
Dimensions	Ø 308 x 506 mm (without bracket)	118 x 87 x 28 mm	175 x 72 x 30 mm
Supported languages	Polish, English, Arabic, French, Hebrew, Spanish, Dutch, Korean, Persian, Russian, Thai, Turkish, Vietnamese, Italian	...	...
Manufacturer / Brand	TIANDY	PULSAR	ROGER
Guarantee	3 years	2 years	3 years