



	ROUTER TL-MERC-MR70X Wi-Fi 6 2.4 GHz, 5 GHz 1201 Mbps + 574 Mbps TP-LINK / MERCUSYS	IP CAMERA IPC-HFW3249E-AS-LED-0280B Full-Color - 1080p 2.8 mm DAHUA
		
	212.60 PLN 212.60 PLN	935.00 PLN 935.00 PLN
Standard	...	TCP/IP
Frequency range	2.4 GHz, 5 GHz	...
Sensor	...	1/2.8 " Progressive Scan CMOS
Matrix size	...	2.1 Mpx
Antenna type	4 x Omnidirectional antenna 5 dBi	...
Standards	IEEE 802.11ax/n/b/g @ 2.4 GHz IEEE 802.11ax/ac/n/a @ 5 GHz	...
Baud rates	1201 Mbps + 574 Mbps	...
Resolution	...	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Lens	...	2.8 mm
LAN ports	1 x 10/100/1000 Mbps - WAN 3 x 10/100/1000 Mbps - LAN	...
View angle	...	<ul style="list-style-type: none"> • 107 ° (manufacturer data) • 103 ° (our tests result)
White light LED illuminator range	...	30 m
LED indicators	Power / System / WLAN	...
Min. illumination	...	0.0015 Lux / F1.0 (color)
RS-485 interface	...	—
Memory card slot	...	Micro SD memory cards up to 256GB support (possible local recording)
Image compression method	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs	...	1 / 1
Audio	...	<ul style="list-style-type: none"> • External microphone input • Audio output • Bi-directional audio streaming support
Main stream frame rate	...	25 fps @ 1080p
Network interface	...	10/100 Base-T (RJ-45)

Receiver sensitivity	2.4 GHz : <ul style="list-style-type: none"> • 11g 6M : -96 dBm • 11g 54M : -78 dBm • 11n HT20 MCS7 : -77 dBm • 11n HT40 MCS7 : -74 dBm 5 GHz : <ul style="list-style-type: none"> • 11a 6M : -94 dBm • 11a 54M : -76 dBm • 11ac VHT20 MCS8 : -71 dBm • 11ac VHT40 MCS8 : -68 dBm • 11ac VHT80 MCS8 : -65 dBm 	...
DDNS	<ul style="list-style-type: none"> • No-IP • DynDNS 	...
DHCP server	✓	...
Firmware update	✓	...
Protections	<ul style="list-style-type: none"> • WPA-PSK/WPA2-PSK / WPA3 • SPI network firewall • IP-MAC Binding 	...
Management interface	Web browser	...
Transmitter power	< 20 dBm @ 2.4 GHz < 23 dBm @ 5 GHz	...
Network protocols	...	IPv4/IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, IEEE 802.1x, SNMP
WEB Server	...	Built-in
Max. number of on-line users	...	20
ONVIF	...	20.06
Main features	...	<ul style="list-style-type: none"> • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image • SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle • IVS analysis : crossing the line (tripwire) - classification of people and vehicles, intrusion, scene changing
Power consumption	...	< 8.1 W



Main features	<ul style="list-style-type: none"> • WPS/RESET button • Built-in 3-port switch • WMM (Wi-Fi Multimedia) • Static / dynamic routing • WAN : PPPoE, L2TP, PPTP • Access control • Remote management • DHCP server • DHCP client list • Port forwarding : UPnP, DMZ • Firewall • IP-MAC Binding • 2 x Guest Network - a separate and secure network for guests - 2.4, 5 GHz • VPN networks: Open VPN, PPTP VPN • The WPS function allows to easy establish an encrypted connection • parental control • QoS • OFDMA • 1024-QAM • Beamforming (TxBF) - technology that allows to create a beam of radio waves in order to improve the quality of connection with client devices located further away from the signal source • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • IPTV compliance • IPv6 compliance • Target Wake Time (TWT) technology - lower energy costs 	...
Mobile phones support	...	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Power supply	12 V DC / 1 A (power adapter included)	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 680 mA
Default IP address	...	192.168.1.108
Operation temp	0 °C ... 40 °C	...
Default admin user / password	...	admin / - The administrator password should be set at the first start
Permissible relative humidity	10 % ... 90 % (non-condensing)	...



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Web browser access ports	...	80, 37777
PC client access ports	...	37777
Mobile client access ports	...	37777
Port ONVIF	...	80
RTSP URL	...	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream
Housing	...	Compact - Metal
Color	...	White + Black
"Index of Protection"	...	IP67
Vandal-proof	...	—
Operation temp	...	-40 °C ... 60 °C
Weight	0.35 kg	0.58 kg
Dimensions	209 x 172 x 42 mm	193 x 71 x 66 mm
Supported languages	...	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Italian
Manufacturer / Brand	TP-LINK / MERCUSYS	DAHUA
Guarantee	2 years	3 years



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