



	<a href="#">ACCESS POINT 5G +ROUTER RUTX50 Dual SIM Wi-Fi 5, 2.4 GHz, 5 GHz, 867 Mbps Teltonika</a>	<a href="#">AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HDW1200TQ-A-0280B-S6 - 1080p 2.8 mm DAHUA</a>
		
	1930.70 PLN 1930.70 PLN	240.00 PLN 240.00 PLN
Standard	...	HD-CVI, HD-TVI, AHD, CVBS
Resolution	...	1920 x 1080 - 1080p , 960 x 576 - 960H, PAL
Sensor	...	Progressive Scan CMOS
Range of IR illumination	...	40 m
IR illuminator power adjustment	...	Automatic
Lens	...	2.8 mm
View angle	...	102 °
Video output	...	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω
Audio	...	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only
Frequency range	WiFi : • 2.4 GHz ( 2.400 ... 2.500 GHz ), • 5 GHz ( 4.950 ... 5.850 GHz ) , 5G/4G/3G : • 617 ... 960 MHz, • 1710 ... 2690 MHz, • 3300 ... 6000 MHz , GNSS : • 1575.42 ... 1602 MHz	...
Main features	...	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Day/night mode • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Privacy zones - max. 8 • Mirror - Mirror image • Sharpness - sharper image outlines
OSD menu	...	OSD menu available via DAHUA recorder
Antenna type	• 2 x Omnidirectional antenna Wi-Fi - 3 dBi (SMA-RP connector), • 4 x Omnidirectional antenna 5G/4G/3G - 4 dBi (SMA connector), • 1 x Omnidirectional antenna GNSS - 28 dB (SMA connector)	...
Housing	...	Dome Metal + Plastic
"Index of Protection"	...	IP67

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Color	...	White
Mechanical protection class	...	—
Operation temp	...	-40 °C ... 60 °C
Standards	<ul style="list-style-type: none"> <li>• 2.4 GHz Wi-Fi : IEEE 802.11 b/g/n ,</li> <li>• 5 GHz Wi-Fi : IEEE 802.11 a/n/ac,</li> <li>• 5G Sub-6 SA/NSA, LTE Cat. 20, 3G WCDMA</li> <li>• GNSS : GPS, GLONASS, BeiDou, Galileo, QZSS</li> </ul>	...
Baud rates	<ul style="list-style-type: none"> <li>• WiFi : max. 867 Mbps</li> <li>• 5G Sub-6 SA/NSA : 2.1 / 3.3 Gb/s DL 4x4 MIMO, 900 / 600 Mbps UL 2x2 MIMO,</li> <li>• 4G LTE : 2 Gb/s DL, 200 Mbps UL,</li> <li>• 3G : 42 Mbps DL, 5.76 Mbps UL</li> </ul>	...
LAN ports	4 x 10/100/1000 Mbps	...
WAN interface	1 x 10/100/1000 Mbps	...
Transmitter power	<ul style="list-style-type: none"> <li>≤ 20 dBm @ 2.4 GHz Wi-Fi</li> <li>≤ 23 dBm @ 5 GHz Wi-Fi</li> <li>≤ 23 dBm @ 5G</li> <li>≤ 23 dBm @ 4G+ LTE</li> <li>≤ 24 dBm @ 3G WCDMA</li> </ul>	...
LED indicators	<ul style="list-style-type: none"> <li>• Power</li> <li>• WiFi : 2.4, 5</li> <li>• WAN : SIM 1, SIM 2, WiFi, ETH</li> <li>• 3G, 4G, 5G, 3 x Signal indicator</li> <li>• 5 x Link/Act : 4 x LAN + WAN</li> </ul>	...
Network type	<ul style="list-style-type: none"> <li>• 5G NR NSA : n1/3/5/7/8/20/28/38/40/41/77</li> <li>• 5G NR SA : n1/3/5/7/8/20/28/38/40/41/77/78</li> <li>• 4G LTE-FDD: B1/3/5/7/8/20/28/32</li> <li>• 4G LTE-TDD: B38/40/41/42/43</li> <li>• 3G WCDMA: B1/5/8</li> </ul>	...
LTE	✓	...
QSS	—	...
WDS	—	...
SIM card slot	2 x Mini SIM – 2FF	...
DDNS	Support > 25	...
DHCP server	✓	...
Port USB	USB 2.0	...

Protections	<ul style="list-style-type: none"> <li>• WPA2-Enterprise - PEAP, WPA2-PSK, WPA-EAP, WPA-PSK, WPA3-SAE, WPA3-EAP, OWE, AES-CCMP, TKIP, EAP-TLS</li> <li>• Auto Cipher modes</li> <li>• Client separation</li> <li>• SSID hiding</li> <li>• Firewall</li> <li>• Support DDOS, SYN, SSH, HTTP/HTTPS defence</li> <li>• Configurable, independent data limits for each SIM card</li> <li>• Black list / White list</li> <li>• MAC addresses filtering</li> </ul> <ul style="list-style-type: none"> <li>• Protection against the effects of reverse polarity power connection</li> <li>• Overvoltage protection &gt; 51 V DC / 10 <math>\mu</math>s</li> </ul>	...
Management interface	Web browser, Teltonika RMS application, SMS	...
Default IP address	192.168.1.1	...
Operating system	RutOS (Linux OS based)	...
Firmware update	✓	...



Main features	<ul style="list-style-type: none"> <li>• Dual SIM</li> <li>• MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network</li> <li>• Support for Mesh technology</li> <li>• Checking the fast roaming function - in accordance with the IEEE 802.11r standard (only if used access points support this function)</li> <li>• Seamless Roaming - 802.11k/v roaming function switches clients automatically to the AP with the optimal signal with a seamless transition when moving. This allows sensitive applications like VoIP and video conferences to go uninterrupted,</li> <li>• Compliance with the Modbus, DLMS, DNP3, OPC UA protocol</li> <li>• MDI/MDI-X auto detection feature - auto detecting the data transmission mode</li> <li>• Static / dynamic routing</li> <li>• Support for VoIP technology,</li> <li>• Ability to work as a Hotspot</li> <li>• View topology and network status</li> <li>• WMM support (QoS mechanism of the 802.11e standard)</li> <li>• DHCP Relay support</li> <li>• VLAN support</li> <li>• VPN networks: IPsec VPN, L2TP VPN, PPTP VPN, Open VPN</li> <li>• Compliance with the MQTT protocol</li> <li>• SNMP v1/v2/v3/Trap</li> <li>• WAN Connection Backup - thanks to the fully functional WAN / LAN port, you can use various types of backup connections, including cable, fiber and DSL modems</li> <li>• Support for IoT (Internet of Things) systems,</li> <li>• Configuration using the Teltonika RMS application</li> <li>• Durable aluminum housing</li> <li>• Shock-proof</li> <li>• Industrial wide temperature design.</li> <li>• RESET button</li> <li>• Port USB 2.0 - possibility to connect external HDD, flash drive, additional modem, printer, USB-serial adapter</li> <li>• 4-pin industrial power socket,</li> <li>• Wide range of supported supply voltages,</li> <li>• 1 digital input / output - ability to set certain I/O conditions to initiate event</li> <li>• Grounding</li> <li>• "Index of Protection" : IP30</li> <li>• Ethernet cable included</li> </ul>	...
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Power supply	<ul style="list-style-type: none"> <li>• 12 V DC / 1.5 A (power adapter included)</li> <li>• 9 ... 50 V DC</li> <li>• 9 ... 50 V DC - Passive PoE, Powering from LAN1</li> </ul>	12 V DC / 270 mA
Power consumption	≤ 18 W	≤ 3.2 W
Operation temp	-40 °C ... 75 °C	...
Permissible relative humidity	10 % ... 90 % (non-condensing)	...
Weight	0.53 kg	0.33 kg
Dimensions	132 x 103 x 44 mm	Ø 110 x 101 mm
Manufacturer / Brand	Teltonika	DAHUA
Guarantee	2 years	3 years



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