




	<a href="#">VIDEO SEPARATOR D-SEP2/HD</a>	<a href="#">ACCESS POINT 4G LTE +ROUTER RUTXR1 Dual SIM SFP Wi-Fi 5, 2.4 GHz, 5 GHz, 867 Mbps Teltonika</a>	<a href="#">IP CAMERA APTI-250C61-2812P-1080p 2.8 ... 12 mm</a>
			
	9.99 AUD 9.99 AUD	596.01 AUD 596.01 AUD	99.95 AUD 99.95 AUD
Sensor	...	...	1/2.8 " Sony CMOS IMX290, STARVIS Back-illuminated
Digital Image Processor	...	...	Hisilicon 3516C
Matrix size	...	...	2.1 Mpx
Resolution	...	...	1920 x 1080 - 1080p
Standard	<ul style="list-style-type: none"> <li>• AHD - 8 Mpx, 4K UHD</li> <li>• HD-CVI - 8 Mpx, 4K UHD</li> <li>• HD-TVI - 8 Mpx, 4K UHD</li> <li>• CVBS - PAL / NTSC</li> </ul>	...	TCP/IP
Device type	Passive	...	...
Number of inputs	1 pcs BNC socket	...	...
Number of outputs	1 pcs BNC plug	...	...
Input impedance	75 Ω	...	...
Output impedance	75 Ω	...	...
Opto-isolation between inputs and outputs	16 V DC	...	...
Frequency range	...	WiFi : <ul style="list-style-type: none"> <li>• 2.4 GHz ( 2.400 ... 2.500 GHz ) ,</li> <li>• 5 GHz ( 4.950 ... 5.850 GHz ) ,</li> </ul> LTE / GSM : <ul style="list-style-type: none"> <li>• 699 ... 868 MHz,</li> <li>• 1850 ... 2690 MHz</li> </ul>	...
Lens	...	...	2.8 ... 12 mm, 3 Mpx
Antenna type	...	<ul style="list-style-type: none"> <li>• 2 x Omnidirectional antenna Wi-Fi - 3 dBi (SMA-RP connector),</li> <li>• 2 x Omnidirectional antenna 4G LTE - 1 dBi (SMA connector)</li> </ul>	...
View angle	...	...	<ul style="list-style-type: none"> <li>• 85 ° ... 23 ° (manufacturer data)</li> <li>• 100 ° ... 38 ° (our tests result)</li> </ul>
S/N ratio	...	...	> 52 dB
Attenuation	<ul style="list-style-type: none"> <li>• 4.43 MHz @ 0.21 dB</li> <li>• 11 MHz @ 0.41 dB</li> <li>• 21 MHz @ 0.82 dB</li> <li>• 38 MHz @ 1.19 dB</li> <li>• 42 MHz @ 1.17 dB</li> <li>• 67.5 MHz @ 3.46 dB</li> </ul>	...	...
Range of IR illumination	...	...	60 m
Insertion loss	0.5 dB	...	...
Bandwidth	180 MHz	...	...
IR illuminator power adjustment	...	...	Automatic
Image compression method	...	...	H.265 / H.265+ / H.264 / H.264+
Alarm inputs / outputs	...	...	—
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>• LTE Cat. 6, 3G WCDMA</li> </ul>	...
Audio	...	...	External microphone input
Baud rates	...	<ul style="list-style-type: none"> <li>• WiFi : max. 867 Mbps</li> <li>• LTE : 300 / 42 Mbps (4G / 3G)</li> </ul>	...
Bitrate	...	...	24 ... 9472 kbps - H.264 14 ... 5632 kbps - H.265
LAN ports	...	4 x 10/100/1000 Mbps RJ45	...

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Main stream frame rate	...	...	30 fps @ 1080p
Network interface	...	...	10/100 Base-T (RJ-45)
WAN interface	...	<ul style="list-style-type: none"> <li>• 1 x 10/100/1000 Mbps RJ45</li> <li>• 1 x 1000 Mbps SFP</li> </ul>	...
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 @ 4G+ LTE</li> <li>≤ 24 dBm @ 3G WCDMA</li> </ul>	...
Network protocols	...	...	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP
Default admin user / password	...	...	admin / admin
Web browser access ports	...	...	80
PC client access ports	...	...	80
WEB Server	...	...	Built-in
Mobile client access ports	...	...	80
Max. number of on-line users	...	...	10
Port ONVIF	...	...	80
ONVIF	...	...	2.4
RTSP URL	...	...	rtsp://user:password@ip_address:80/0 - Main stream rtsp://user:password@ip_address:80/1 - Sub stream
LED indicators	...	<ul style="list-style-type: none"> <li>• Power : M - Power supply, R - Redundant power supply</li> <li>• WAN : WIRED, MOBILE</li> <li>• 3G, 4G, SIM 1, SIM 2, 3 x Signal indicator</li> <li>• 6 x Link/Act : 4 x LAN, WAN, Console</li> </ul>	...
Mobile phones support	...	...	Port no.: 80 or access by a cloud (P2P) • Android: Free application <a href="#">FREEIP</a> • iOS (iPhone): Free application <a href="#">FREEIP</a>
RS-485 interface	...	...	—
Network type	...	<ul style="list-style-type: none"> <li>• 4G LTE-FDD: B1/3/5/7/8/20/28/32</li> <li>• 4G TDD-LTE B38/B40/B41</li> <li>• 3G WCDMA: B1/3/5/8</li> </ul>	...
LTE	...	✓	...
QSS	...	—	...
WDS	...	—	...
SIM card slot	...	2 x Mini SIM - 2FF	...
DDNS	...	Support > 25	...
DHCP server	...	✓	...
Port USB	...	USB 2.0	...
Main features	...	...	<ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• WDR - Wide Dynamic Range</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• RESET button - on the cable</li> </ul>
Housing	...	...	Compact, Metal
Color	...	...	Graphite
"Index of Protection"	...	...	IP66

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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</li> </ul>	...
Supported languages	...	...	Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Operation temp	...	...	-20 °C ... 60 °C
Management interface	...	Web browser, Teltonika RMS application, SMS, Console - Port RJ-45	...
Default IP address	...	192.168.1.1	192.168.1.168
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, LZTP 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>• 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>• 2 x 4-pin industrial power socket,</li> <li>• Wide range of supported supply voltages,</li> <li>• Redundant power supply,</li> <li>• Grounding</li> <li>• Can be mounted in a Rack 19" cabinet - Mounts for mounting the device in the RACK 19" system</li> <li>• Ethernet cable included</li> <li>• Kensington-lock compatible</li> </ul>	...
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Power supply	—	• 12 V DC / 1.5 A (power adapter included) • 9 ... 50 V DC	• PoE (802.3af), • 12 V DC / 620 mA
Power consumption	...	≤ 18 W	≤ 7.5 W
Operation temp	-20 °C ... 55 °C	-40 °C ... 75 °C	...
Permissible relative humidity	...	10 % ... 90 % (non-condensing)	...
Weight	0.03 kg	1.07 kg	1.02 kg
Dimensions	60 x 28 x 22 mm	272 x 130 x 48 mm	288 x 90 x 103 mm
Manufacturer / Brand	...	Teltonika	APTI
Guarantee	2 years	2 years	2 years

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