

	ACCESS POINT 4G LTE -ROUTER TL-MR100 2.4 GHz 300 Mbps TP4-LINK	ACCESS POINT 4G+ LTE +ROUTER RUT261 2.4 GHz 300 Mbps Teltonika	END CLAMP PL-KK05-50/S FOR SOLAR PANELS 35 mm	DISK ARRAY ESS1504C 24 TB DAHUA	AHD_HD-CVI_HD-TVI_PAL CAMERA HAC-HEW1500CM-L A-D280BS2 - 5 Mpx 2.8 mm DAHUA	AHD_HD-CVI_HD-TVI CAMERA APTLH50C21-36W 2Mpx / 5Mpx 3.6 mm	DIMMER WITH A POWER SOCKET OR AE-13114 230 V ORNO	INSULATING SHIELD BOX LE-001356 FOR MODULES MOUNTED ON DIN TS-35 RAIL LEGRAND	DOOR FOR 96-MODULAR DISTRIBUTION CABINETS LE-337254 XL S 160 LEGRAND
	52.88 GBP 52.88 GBP	166.10 GBP 166.10 GBP	0.36 GBP 0.36 GBP	602.30 GBP 602.30 GBP	76.85 GBP 76.85 GBP	23.22 GBP 23.22 GBP	8.56 GBP 8.56 GBP	1.37 GBP 1.37 GBP	67.58 GBP 67.58 GBP
Frequency range	2.4 GHz	2.4 GHz	...	...	...	...	...	...	...
Height	...	...	35 mm	...	...	...	...	...	...
Application	...	...	...	...	...	...	...	...	...
Width in 17.5 mm modules	...	...	...	...	...	...	...	2	...
Rated voltage	...	...	...	...	...	...	230 V / 50 Hz	...	...
Hole diameter	...	...	9 mm	...	...	...	...	...	...
Transparent door	...	...	...	...	...	...	...	...	...
Minimum load	...	...	...	...	...	...	40 W	...	...
mounting screw	...	...	...	...	...	...	...	...	...
Standard	...	...	...	...	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI	...	...	...
Maximal load	...	...	...	...	...	...	280 W	...	...
Sensor	...	...	...	...	Progressive Scan CMOS	1/3" Progressive Scan CMOS	...	...	...
Number of outlets	...	...	...	...	...	...	1 pcs	...	...
Supported hard drives	...	...	...	4 x SATA - max. 24 TB (total)	...	...	...	...	...
Matrix size	...	...	...	...	5 Mpx	5 Mpx	...	...	...
Socket type	...	...	...	...	...	...	CEE 7/17	...	...
Material	...	...	Aluminum	...	...	...	...	...	Steel
Grounding	...	...	...	...	...	...	✓	...	...
Antenna type	WiFi embedded , 2 x 4G LTE - 2 x SMA socket - Possibility to connect the wire antenna	2x2 MIMO : 2 x Omnidirectional antenna Wi-Fi - 5 dBi (SMA connector) , 2 x Omnidirectional antenna 4G LTE - 4 dBi (SMA-RP connector)	...	...	...	...	...	...	...
Standards	IEEE 802.11 b/g/n	IEEE 802.11 b/g/n, 4G+ Cat.6 LTE, 3G	...	...	...	...	...	...	...
Outputs	...	...	...	...	1 x eSATA - 3 Gb/s (DVR) 1 x USB 3.0 B (computer)	...	...	...	...
Safety class	...	...	...	...	...	...	...	...	Grade 2
Write transfer rate	...	...	...	...	64 MB/s	...	...	...	...
Compliance with standards	...	...	...	...	...	...	...	PN-EN 60439-3	IEC 60695-2-1
Read speed	...	...	...	...	64 MB/s	...	...	...	...
Baud rates	11n : 300 Mbps 11g : 54 Mbps 11b : 11 Mbps LTE : 150 Mbps	11n : 300 Mbps 11g : 54 Mbps 11b : 11 Mbps LTE : 300 / 42 Mbps (4G / 3G)	...	...	...	...	...	...	...
Resolution	...	...	...	...	2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps - Aspect Ratio 16 : 9 ; 2560 x 1440 - 3.7 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps 1920 x 1080 - 1080p @ HD-CVI @ 25 fps , 960 x 576 - 960H @ PAL @ 25 fps	2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps / 12.5 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25, 30 fps 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25, 30 fps	...	...	...
Lens	...	...	...	...	2.8 mm	3.6 mm	...	...	...
LAN ports	1 x 10/100 Mbps - LAN/WAN 1 x 10/100 Mbps - LAN	1 x 10/100 Mbps - WAN 1 x 10/100 Mbps - LAN	...	...	...	...	...	...	...
White light LED illuminator range	...	...	...	...	20 m	...	...	...	...
View angle	...	...	...	...	106 °	77 ° (manufacturer data) 70 ° (our tests result)	...	...	...
Range of IR illumination	...	...	...	...	20 m	30 m	...	...	...
IR illuminator power adjustment	...	...	...	...	Automatic	Automatic	...	...	...
Receiver sensitivity	11g 54M : -74 dBm 11n HT20 : -71 dBm 11n HT40 : -68 dBm	...	...	...	...	...	...	...	...
Transmitter power	< 20 dBm	≤ 17.51 dBm @ 2.4 GHz ≤ 23 dBm @ 4G LTE ≤ 24 dBm @ 3G WCDMA	...	...	...	...	...	...	...
Video output	...	...	...	...	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI	...	...	...
LED indicators	Power, WAN, WLAN, LAN, GSM	Power, WAN, WLAN, LAN, LTE - 3G/4G, Signal indicator	...	...	...	...	...	...	...
Audio	...	...	...	...	Microphone built-in, Audio support via coaxial cable - HD-CVI only	...	...	...	...
OSD menu	...	...	...	...	✓	✓	...	...	...
Main features	...	...	...	...	Smart Dual Illumination technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality D-WDR - Wide Dynamic Range 2D-DNR - Digital Noise Reduction BLC/HLC - Back Light / High Light Compensation ICR - Movable InfraRed filter AGC - Automatic Gain Control Privacy zones - max. 8 Mirror - Mirror image Auto White Balance Sharpness - sharper image outlines	D-WDR - Wide Dynamic Range ICR - Movable InfraRed filter DNR - Digital Noise Reduction AGC - Automatic Gain Control BLC - Back Light Compensation Day/Night mode (color/b&w/auto) Auto White Balance Sharpness - sharper image outlines	...	...	...
Housing	Compact - Metal	Compact - Aluminum	Plastic
Color	Silver	...	White	White	White	White - RA19010	White

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Network type	<ul style="list-style-type: none"> 4G : FDD-LTE B1/B3/B5/B7/B8/B20 - 2100 / 1800 / 850 / 2600 / 900 / 800 MHz 4G : TDD-LTE B38/B40/B41 - 2600 / 2300 / 2500 MHz 3G : HSPA/UMTS B1/B5/B8 - 2100 / 850 / 900 MHz 	4G, 3G								
"Index of Protection"					IP67	IP67			IP30	
Vandal-proof										
LTE	✓	✓								
QSS	—	—								
WDS	—	—								
Operation temp					40 °C ... 60 °C	20 °C ... 60 °C				
DDNS	<ul style="list-style-type: none"> DynDNS No-IP 									
DHCP server	✓	✓								
Firmware update	✓									
Supported languages									Polish, English, French, Spanish, Portuguese, Russian, Italian	
Protections	<ul style="list-style-type: none"> WEP 64/128-bit, WPA/WPA2, WPA-PSK/WPA2-PSK SPI network firewall IP-MAC Binding 	<ul style="list-style-type: none"> WPA3-EAP WPA3-SAE WPA2-Enterprise - PEAP WPA2-PSK AES-CCMP WEP TKIP Auto Cipher modes Client separation SSID hiding MAC addresses filtering 								
Management interface	Web browser				Web browser, Teltonika RMS application, SMS					
Operation modes	<ul style="list-style-type: none"> Router Router 4G LTE 									
Power consumption		≤ 4.7 W			6.8 W (without HDD)	≤ 3.1 W			≤ 2.6 W	
Main features	<ul style="list-style-type: none"> Number of users - max. 32 SIM socket - The nanoSIM cards support WPS/RESET button Enable/disable wireless network WMM (Wi-Fi Multimedia) Wireless Network Schedule Wireless transmission statistics The failover function enabling automatic switching between 4G/WAN interface in the case of an internet network connection loss Static / dynamic routing PPTP L2TP Remote management DHCP client list Port forwarding : UPnP, DMZ Guest Network - a separate and secure network for guests 	<ul style="list-style-type: none"> Support for IoT (Internet of Things) systems, Ability to work as a Hotspot, Support for VoIP technology, Support for Mesh technology, SIM socket DHCP Relay support DHCP client list Static / dynamic routing VPN support Default address : 192.168.1.1 Configuration using the Teltonika RMS application 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 						Smooth power adjustment	Heat resistance : 85 °C	<ul style="list-style-type: none"> Reversible door 1 closing point Supplied with handle in the kit
Power supply	9 V DC / 0.85 A (power adapter included)	<ul style="list-style-type: none"> 12 V DC / 1.5 A (power adapter included) 9 ... 30 V DC 			100 V ... 240 V AC	12 V DC / 260 mA		12 V DC / 220 mA		
Operation temp	0 °C ... 40 °C	-40 °C ... 75 °C			0 °C ... 40 °C					
Permissible relative humidity	10 % ... 90 % (non-condensing)	10 % ... 90 % (non-condensing)			10 % ... 90 %					
Weight	0.184 kg	0.25 kg	0.22 kg		4.29 kg	0.33 kg		0.39 kg	0.11 kg	0.09 kg
Dimensions	155 x 114 x 34 mm	100 x 93 x 30 mm	50 x 38 x 28 mm		440 x 408 x 70 mm - RACK 19", 1.5U	167 x 70 x 70 mm		172 x 73 x 73 mm	56 x 96 x 79 mm	140 x 52 x 68 mm
Manufacturer / Brand	TP-LINK	Teltonika			DAHUA	DAHUA		APTI	ORNO	LEGRAND
Guarantee	3 years	2 years	2 years		3 years	3 years		2 years	2 years	2 years

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