








	TV OR MONITOR MOUNT BRATECK-KL22-22F	PROJECTOR MOUNT BRATECK-PRB-3	ACCESS POINT + ROUTER ARCHER-VR400 VDSL/ ADSL 300 Mbps + 867 Mbps	ACCESS POINT 4G LTE + ROUTER RUTXR1 Dual SIM SEP-Wi-Fi 5, 2.4 GHz, 5 GHz, 867 Mbps Teltonika	VIDEO SEPARATOR D- SEP/HD-4	EXPANSION PLUG KW-6/3.5X50 KLIMAS	EXPANSION PLUG JPK-12X200/M5 EBOLT
							
	8.88 EUR 8.88 EUR	17.69 EUR 17.69 EUR	81.99 EUR 81.99 EUR	370.30 EUR 370.30 EUR	20.62 EUR 20.62 EUR	0.07 EUR 0.07 EUR	1.83 EUR 1.83 EUR
Mounting standard	VESA : 50, 75, 100, 200 x 100, 200	...	...	...	...	...	...
Material	...	...	...	...	...	• Expansion plug, Polypropylene • Screw, Steel galvanized	• Expansion plug, Polypropylene • Screw, Steel galvanized • mounting screw, Steel galvanized
Projector mounting holes distances	...	Ø 130 ... 320 mm	...	...	...	...	...
Drilling diameter	...	...	...	...	...	6 mm	12 mm
Expansion plug length	...	...	...	...	...	30 mm	200 mm
Screen size range	23 " ... 42 "	...	...	...	...	...	...
Bearing capacity	35 kg	10 kg	...	...	...	...	...
Distance from mounting surface	19.5 mm	130 or 440 or 750 or 1075 mm	...	...	...	...	...
Screw dimensions	...	...	...	...	...	Ø 3.5 x 50 mm, PZ-2	Ø 8 x 205 mm, Internal thread M5
Standard	...	...	...	...	• AHD - 8 Mpx, 4K UHD • HD-CVI - 8 Mpx, 4K UHD • HD-TVI - 8 Mpx 4K UHD • CVBS - PAL / NTSC	...	...
Color	Black	Silver	...	...	...	...	...
Device type	...	...	...	...	Passive	...	...
Tilt adjustment	—	-15 ° ... 15 °	...	...	...	...	...
Screw	...	...	...	...	...	...	Ø 5 x 16 mm
Number of inputs	...	...	...	...	4 pcs BNC socket	...	...
Horizontal rotation	—	360 °	...	...	...	...	...
Application	...	...	...	...	...	• Concrete • Solid clay brick • Solid sand-lime brick	for Styrofoam 140 mm
Number of outputs	...	...	...	...	4 pcs BNC socket	...	...
Rotation in the plane of the screen	—	...	...	...	...	...	...
Input impedance	...	...	...	...	75 Ω	...	...
Output impedance	...	...	...	...	75 Ω	...	...
Opto-isolation between inputs and outputs	...	...	...	...	50 V DC	...	...
Galvanic separation between individual channels	...	...	...	...	> 2000 V	...	...
Frequency range	...	...	• 2.4 GHz, • 5 GHz	WiFi : • 2.4 GHz (2.400 ... 2.500 GHz) , • 5 GHz (4.950 ... 5.850 GHz) , LTE / GSM : • 699 ... 868 MHz, • 1850 ... 2690 MHz	...	...	...
Antenna type	...	...	...	• 2 x Omnidirectional antenna Wi-Fi - 3 dBi (SMA- RP connector), • 2 x Omnidirectional antenna 4G LTE - 1 dBi (SMA connector)	...	...	...
Attenuation	...	...	...	...	• 4.43 MHz @ 0.37 dB • 11 MHz @ 0.47 dB • 21 MHz @ 0.62 dB • 38 MHz @ 0.93 dB • 42 MHz @ 0.93 dB • 67.5 MHz @ 1.16 dB	...	...
Bandwidth	...	...	...	...	200 MHz	...	...
Inputs protection	...	...	...	...	ESD, IEC 61000-4-2, ±30kV contact, ±30kV air EFT, IEC 61000-4-4, 40A (5/50ns) Lightning, IEC 61000-4-5, 30A (t _p =8/20µs)	...	...

Standards	...	...	IEEE 802.11 b/g/n, IEEE 802.11 a/n/ac, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, ITU G.993.2, ITU-T G.993.5 (G.vector), ITU-T G.998.4 (G.INP), Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT), ITU-T G.992.2(G.Lite), ITU-T G.994.1 (G.hs), ITU-T G.995.1, ITU-T G.992.3 (G.DMT.bis), ITU-T G.992.4 (G.lite.bis), ITU-T G.992.5	<ul style="list-style-type: none"> • 2.4 GHz Wi-Fi : IEEE 802.11 b/g/n , • 5 GHz Wi-Fi : IEEE 802.11 a/n/ac, • LTE Cat. 6, 3G WCDMA	...	...	...
Baud rates	...	...	300 Mbps @ 2.4 GHz + 867 Mbps @ 5 GHz	<ul style="list-style-type: none"> • WiFi : max. 867 Mbps • LTE : 300 / 42 Mbps (4G / 3G)	...	...	...
LAN ports	...	...	3x RJ-45 (10/100 Mbps, Auto MDI/MDX) 1x RJ-45 (10/100/1000 Mbps, Auto MDI/MDX)	4 x 10/100/1000 Mbps RJ45	...	...	...
WAN interface	...	...	1x RJ-11, ADSL / ADSL2 / ADSL2+ / VDSL / VDSL2	<ul style="list-style-type: none"> • 1 x 10/100/1000 Mbps RJ45 • 1 x 1000 Mbps SFP	...	...	...
Transmitter power	...	...	< 20 dBm @ 2.4 GHz , < 23 dBm @ 5 GHz	<ul style="list-style-type: none"> ≤ 20 dBm @ 2.4 GHz Wi-Fi ≤ 23 dBm @ 5 GHz Wi-Fi ≤ 23 dBm @ 4G+ LTE ≤ 24 dBm @ 3G WCDMA	...	...	...
LED indicators	...	...	...	<ul style="list-style-type: none"> • Power : M - Power supply, R - Redundant power supply • WAN : WIRED, MOBILE • 3G, 4G, SIM 1, SIM 2, 3 x Signal indicator • 6 x Link/Act : 4 x LAN, WAN, Console	...	...	...
Network type	...	...	...	<ul style="list-style-type: none"> • 4G LTE-FDD: B1/3/5/7/8/20/28/32 • 4G TDD-LTE B38/B40/B41 • 3G WCDMA: B1/3/5/8	...	...	...
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"> • LAN : Firewall, MAC addresses filtering, IP addresses filtering, parental control, LAN ACL • WLAN - WEP 64/128-bit, WPA-PSK/WPA2-PSK, TKIP/AES 	<ul style="list-style-type: none"> • WPA2-Enterprise - PEAP, WPA2-PSK, WPA-EAP, WPA-PSK, WPA3-SAE, WPA3-EAP, OWE, AES-CCMP, TKIP, EAP-TLS • Auto Cipher modes • Client separation • SSID hiding • Firewall • Support DDOS, SYN, SSH, HTTP/HTTPS defence • Configurable, independent data limits for each SIM card • Black list / White list • MAC addresses filtering • Protection against the effects of reverse polarity power connection • Overvoltage protection	...	...	...
Management interface	...	...	Web browser	Web browser, Teltonika RMS application, SMS, Console - Port RJ-45	...	...	...
Default IP address	...	...	...	192.168.1.1	...	...	...
Operating system	...	...	...	RutOS (Linux OS based)	...	...	...
Firmware update	...	...	✓	✓	...	...	...

Main features			<ul style="list-style-type: none"> • Firewall • Internet access filtering • Static / dynamic routing • Built-in 4-port switch • Wireless transmission statistics • The WPS function allows to easy establish an encrypted connection • QoS • WMM (Wi-Fi Multimedia) • Rate limit • Access control • Remote management • DMZ • parental control • Guest Network - a separate and secure network for guests • 1 x Port USB 2.0 • The DSL line splitter included 	<ul style="list-style-type: none"> • Dual SIM • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • Support for Mesh technology • Checking the fast roaming function - in accordance with the IEEE 802.11r standard (only if used access points support this function) • 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, • Compliance with the Modbus, DLMS, DNP3, OPC UA protocol • MDI/MDI-X auto detection feature - auto detecting the data transmission mode • Static / dynamic routing • Support for VoIP technology, • Ability to work as a Hotspot • View topology and network status • WMM support (QoS mechanism of the 802.11e standard) • DHCP Relay support • VLAN support • VPN networks: IPsec VPN, L2TP VPN, PPTP VPN, Open VPN • Compliance with the MQTT protocol • SNMP v1/v2/v3/Trap • 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 • Support for IoT (Internet of Things) systems, • Configuration using the Teltonika RMS application • Industrial wide temperature design. • RESET button • Port USB 2.0 - possibility to connect external HDD, flash drive, additional modem, printer, USB-serial adapter • 2 x 4-pin industrial power socket, • Wide range of supported supply voltages. • Redundant power supply, • Grounding • Can be mounted in a Rack 19" cabinet - Mounts for mounting the device in the RACK 19" system • Ethernet cable included • Kensington-lock compatible 			
Power supply	...	...	12 V DC / 1.5 A (power adapter included)	<ul style="list-style-type: none"> • 12 V DC / 1.5 A (power adapter included) • 9 ... 50 V DC	---	...	...
Power consumption	...	...	...	≤ 18 W	...	...	...
Operation temp	...	...	0 °C ... 40 °C	-40 °C ... 75 °C	-20 °C ... 55 °C	...	...
Permissible relative humidity	...	...	max. 90 % (max)	10 % ... 90 % (non-condensing)	...	...	...
Weight	0.422 kg	2.1 kg	0.32 kg	1.07 kg	0.12 kg	...	...
Dimensions	265 x 222 x 19.5 mm	max. Ø 320 x 1075 mm	216 x 125 x 32 mm	272 x 130 x 48 mm	103 x 78 x 30 mm	...	...
Manufacturer / Brand	BRATECK	BRATECK	TP-LINK	Teltonika	DELTA	KLIMAS	EBOLT
Guarantee	2 years	2 years	2 years	2 years	3 years	2 years	2 years

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