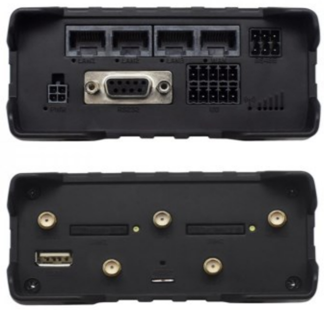
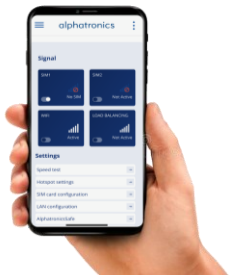


Additional external antenna (PUCK) with only 1.7 cm installation height, especially for motor-homes & caravans

MADE IN EU
ALPINE
alphatronics

Close cooperation

What do you get when 3 brands with different expertise from different sectors join forces and develop a joint product? That's right! alphatronics STREAM - Internet anytime, anywhere!



alphatronics UI

Technology can sometimes be complicated. To ensure that the product is easy to use, we worked with alpine to fine-tune the user interface. This resulted in the alphatronics UI, which provides the user with a simple and smartphone-friendly interface for operating the most important functions.

Model		**alphatronics STREAM**
MOBIL	Number of SIM lots	2x
	Mobile communication standards	4G (LTE) - up to 150 MBit/s 3G - up to 42 MBit/s 2G - up to 236 KBit/s
	Regions	Europe, Middle East, Africa, Korea
	Supported cellular bands	4G (LTE-FDD): B1, B3, B5, B7, B8, B20 4G (LTE-TDD): B40 3G : B1, B5, B8 2G: B3, B8
	Auto APN (automatic configuration)	•
	Adjustable automatic switching at low Singal (SIM1 & SIM2)	•
	Adjustable data limit	•
NETWORK (WIFI)	WIFI Mode	2.4 GHz (IEEE 802.11b/g/n) Access Point (AP), Station (STA)
	Number of WIFI participants	up to 100 pieces
	Encryption	WPA2-Enterprise - PEAP, WPA2-PSK, WEP, WPA-EAP, WPA-PSK; AES-CCMP TKIP, Auto Cipher, Client Separation
	SSID	Stealth mode, access control on Basis of the MAC address
	Browser forwarding when logging on to foreign WIFI networks (public networks, campsites)	•
NETWORK (ETHERNET)	LAN	3x LAN ports, 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u standards, Auto MDI/MDIX support
	WAN	1x WAN port 10/100 Mbps, compliance IEEE 802.3, 802.3az standards, supports auto MDI/MDIX
NETWORK (GENERAL)	Routing	Static routing, dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), policy-based routing
	Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SFTP, FTP, SMTP, SSL/TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SNMP, MQTT, Wake On Lan (WOL)
	VoIP passthrough support	•
	Connection monitoring	Ping restart, Wget restart, periodic restart, LCP and ICMP for connection monitoring
SECURITY	Firewall	Port forwarding, access rules, User-defined rules
	DHCP	Static and dynamic IP assignment, DHCP relay
	alphatronicsSafe	•
	Protection against external attacks	DDoS protection (SYN flood protection, protection against against SSH attacks, protection against HTTP/HTTPS attacks, protection against port scans (SYN-FIN, SYN-RST, X-mas, NULL flags, FIN scan attacks)
	Data control (consumption)	•
INTERFACE	User interface	alphatronics UI (web-based)
	Operating system	Teltonika RutOS
	Languages	multilingual

Flexible even abroad

The two SIM card slots allow you to use different networks or different providers. For example, you can use foreign SIM cards in addition to the main card to enjoy maximum speed at minimum cost even when on holiday.

Connecting to public networks

Would you like to use the router to log into a public network or the campsite network? No problem! Our router supports web-based forwarding for entering requested data or additionally confirming the privacy policy.

Flexible assembly

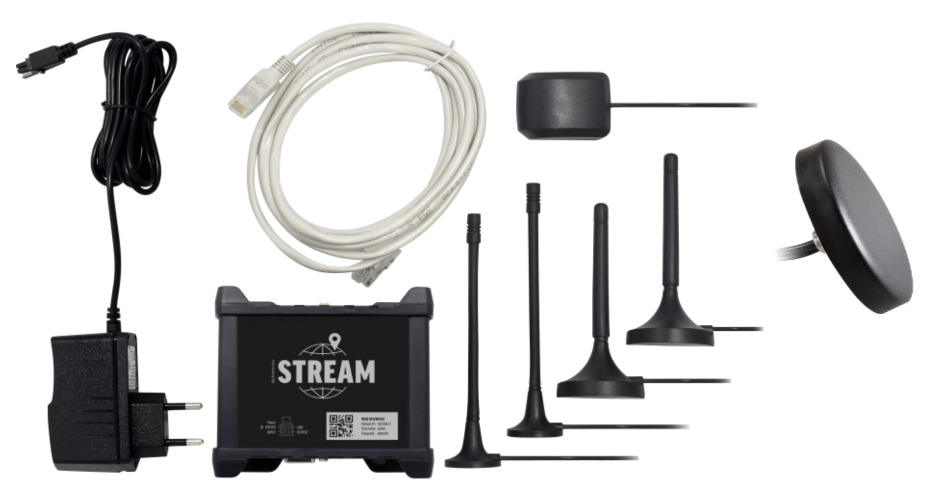
Various antenna versions are included with our router. This allows the router to be used both inside the vehicle and for external installation on the vehicle roof. You can choose individually depending on your requirements or the conditions of the vehicle.

alphatronicsSAFE

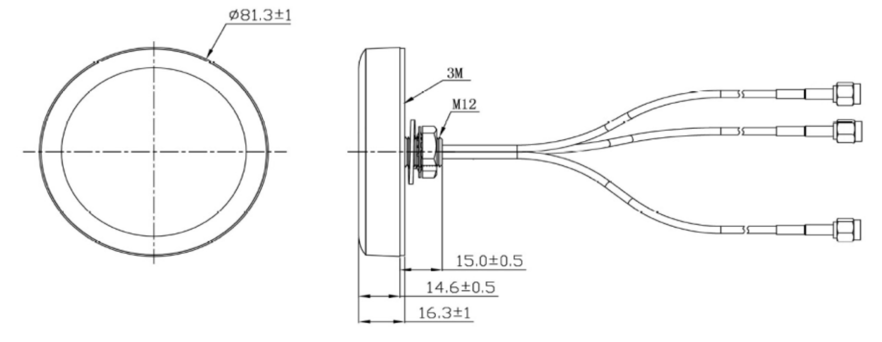
Security and parental control can also be an important companion when surfing the Internet on the move. That's why our alphatronics Stream offers several protection mechanisms and supports all current security standards and encryption. We have also integrated a blacklist function into the user interface. This allows the user to easily block undesired websites.

Model		alphatronics STREAM
CONNECTIONS	Inputs / Outputs Router	2 x SMA (socket) for LTE 2 x RP-SMA (socket) for WLAN 1x SMA (socket) for GPS 4x RJ45 socket 1x USB socket 1x RS485 (serial interface) 1x RS232 (serial interface) 1x 10-PIN connector 1x 4-PIN power connector (DC) 2x SIM slot (SIM1 & SIM2)
POWER SUPPLY	Power consumption (standby)	less than 2.0 W
	Power consumption (full load)	max. 7.0 W
	Input voltage	9.0 - 30.0 V
	Power consumption	175 mAh
GENERAL	Dimensions	110 x 50 x 100 mm
	Weight (router)	300 gram
	Operating temperature	-40°C to +75°C
	Humidity during operation	10% to 90% non-condensing
	IP protection class	IP30
	Approvals	CE, UK CA, ECE-R10
	Color	Black
SCOPE OF DELIVERY[1]	LTE router, outdoor antenna (PUCK) with 2x LTE + 1x WIFI, 2x WIFI rod antenna, 2x LTE rod antenna, GPS antenna, 230V power supply unit, 12/24V power adapter, 1.5 m LAN cable, SIM card adapter, connection accessories, operating instructions	
EAN CODE	Internal article number	990755
	EAN	4260037134277

Scope of delivery

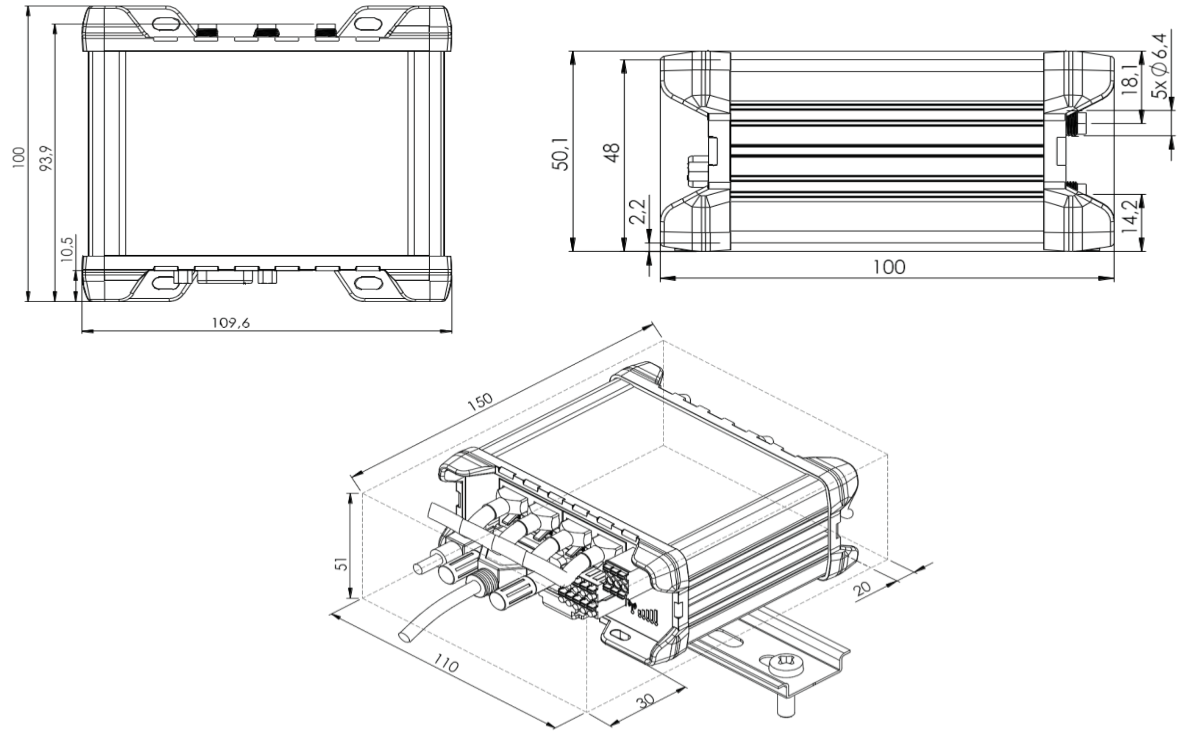


Technical dimensions (outdoor antenna)

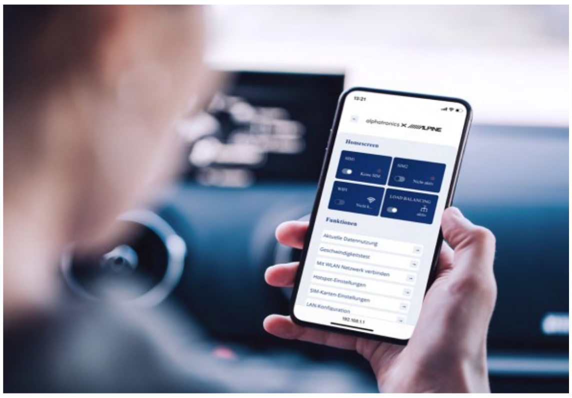


Other names or designations mentioned may be the trademarks or registered trademarks of their respective owners. [1]Accessories may vary slightly depending on region, dealer or equipment variant.

Technical dimensions (router)



The Feautres in summary



Control and configure your router via smartphone or tablet

The user interface of all STREAM models is designed so that you can open it conveniently via your smartphone, tablet or laptop browser. This offers you maximum flexibility, as no additional apps need to be installed on your devices.

Keep an eye on your data consumption

You can easily keep track of the data consumption of one or both SIM cards and even set the data limit for each SIM card. When the limit is reached, the router automatically becomes inactive or switches to the other card, depending on the default setting. This function is useful to avoid additional charges, especially with prepaid cards or when using the device abroad.

Connect to local or public WLAN networks

All alphatronics STREAM routers offer the option of connecting to local or public networks. An important function here is the forwarding of the network to a browser, for example for entering passwords or accepting terms of use. This helps to significantly reduce the data consumption of the SIM card and relieve its load.

The alphatronics STREAM router is designed for 4G networks (LTE) and can download data at a speed of up to 150 MBit/s (CAT4). With its two integrated SIM card slots, the router allows the use of different SIM cards. This is particularly useful when traveling abroad to keep costs low by using local prepaid cards. We recommend this model to all standard users who use streaming and Internet occasionally or with a limited number of devices at the same time.

The most important features at a glance:

- Speed (download) up to 150 MBit/s
- Ideal entry-level model
- Intuitive operation thanks to the alphatronics web app
- Suitable for the simultaneous connection of up to 3 devices
- Extremely compact outdoor antenna in puck design
- Automotive certified product
- Regular updates