UNIVISO

5G UR500
Bonding Router

Univiso UR500 is a new generation of heterogeneous aggregation router. Featuring built-in Univiso proprietary iMux cellular bonding technology, which makes full use of mobile cellular networks, Wi-Fi, Ethernet and satellite to provide high-reliability, high-throughput and low-latency Internet. It can be widely used in scenarios such as broadcast and television streaming program transmission, emergency communication and industrial interconnection.
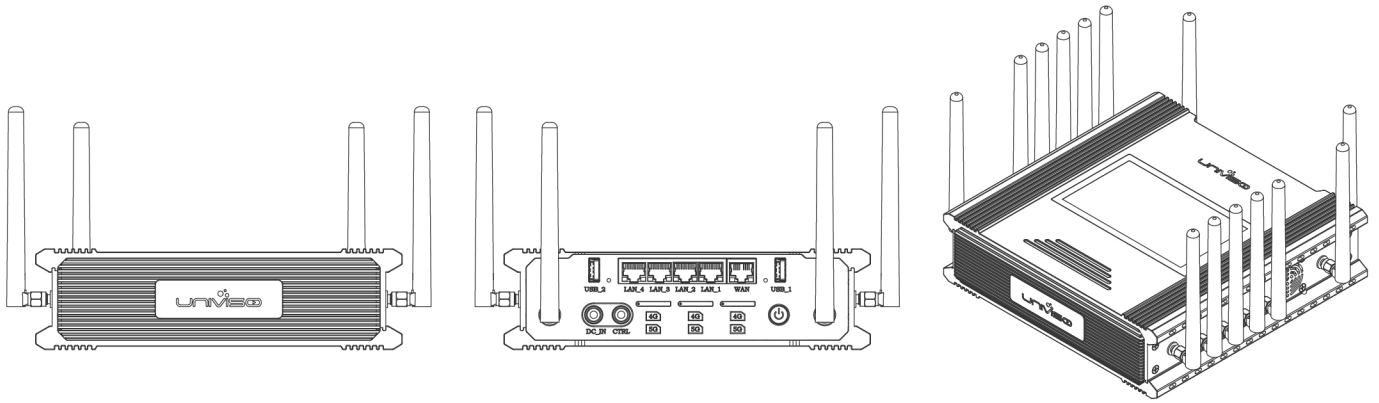
Main Function：

◆ Combines up to 10 connections, including 6 5G/4G/3G cellular networks, 1 Gigabit WAN, 1 Wi-Fi, 2 extensible USB interfaces;

◆ Provides Wi-Fi 6 AP and 4 Gigabit LAN, which can support multiple wired and wireless terminals access at the same time;

◆ Supports auto or manual switching between aggregation mode and single-link mode based on local network situation;

◆ 5-inch OLCD display, easy to set up and manage, also support App or Web management remotely;

◆ 2 1/4-inch screw holes are integrated on the back of the chassis, which can be easily mounted to a standard server rack.

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Technical Specifications:

Product Model		UR500
WAN		1*GB WAN、1*WiFi6、6*5G/4G、2*USB
LAN		4*GB LAN、1*Wi-Fi6
Wireless Network	Work Mode	AP or STA mode switchable
	Standard Protocol	IEEE 802.11 a/b/g/n/ac/ax
	Frequency	2.4GHz and 5GHz
Cellular Network	5G NR	n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n71/n75/n76/n77/n78/n79
	LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71
	LTE-TDD	B34/B38/B39/B40/B41/B42/B43/B46/B48
	WCDMA	B1/B2/B4/B5/B8/B19
External Antenna		2*Wi-Fi antennas + 12*5G/4G antennas
Transmission Protocol		TCP、UDP
Application Protocol		FTP、HTTP/HTTPS、RTP/RTSP、RTMP、SRT、NTP、TELNET…
Transmission Mode		Multi-link aggregation or single-link transmission, manual or automatic switching
Single Link Selection		Automatic intelligent link selection
Aggregation Bandwidth		Peak bandwidth 200Mbps
System Management		Touch screen, PC Web, H5, WinApp
Power Input		Built-in battery or 9~15V/4A external power adapter
Battery Life		5 hours
Dimension		200mm*197mm*44.6mm
Work Environment	Working Temperature	-20℃ ~ 50℃
	Storing Temperature	-40℃ ~ 75℃
	Working Humidity	5% ~ 95% (Non-condensing)