

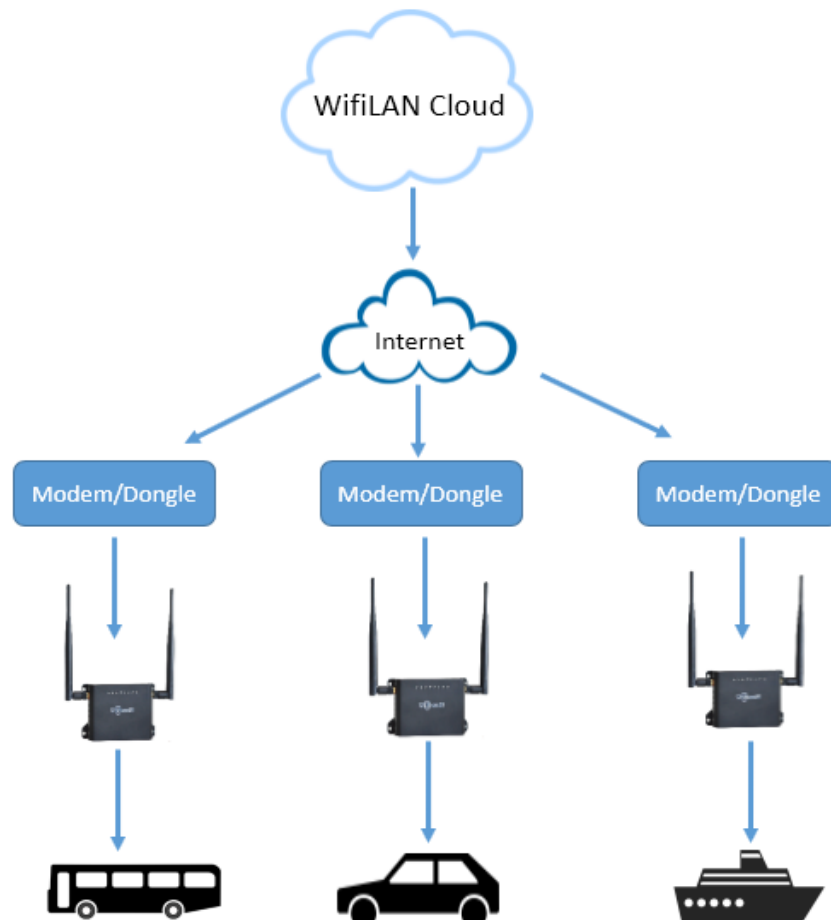
UniMax UM505N



Vehicular AP

UniMax UM-505N is a 802.11n series wireless access point with a metal case body which is designed specially for vehicles like cars and buses. It can be powered by a 12V DC power supply or directly from the vehicle battery. The rugged design make it suitable for deployments with lot of vibrations and dust environment. The access point comes with 10/100 4 LAN and 1 WAN ports. It offer maximum transmission rate of 300 Mbps and is backward compatible with IEEE 802.11a/b/g equipment. It provides 1 USB 2.0 port for storage or 3/4G dongle along with 1 Micro SD slot. It can be expanded with 11AC PCIE module to support speeds upto 1200 Mbps.

DEPLOYMENT SCENARIO



SPECIFICATIONS

Chipset	MT7620A
RAM	DDR2 128MB (MAX DDR2 256MB)
SPI Flash	16MB (MAX 16MB)
Protocol	IEEE 802.11n,IEEE 802.11g, IEEE802.11b,IEEE802.11ac ,IEEE802.11a IEEE 802.3,IEEE 802.3u
RT Power	802.11b 18dBm±2dBm; 802.11g 15dBm±2dBm; 802.11n 15dBm±2dBm; 802.11ac depends on the 11AC mode;
Reception Sensitivity	802.11b: -83dBm@10% PER 802.11g: -74dBm@10% PER 802.11n: -68dBm@10% PER 802.11ac: depends on the 11AC mode;
Wireless Rate	Max. 1200Mbps (depends on the 11AC mode)
Work Frequency	2.4GHz, 5.8GHz (for choice)
Antenna	2* non-removable 5dBi antenna
Interface	1 *PCI-E slot 1 *SIM card slot 1 *USB 2.0 port 1 *Micro SD card slot 1 *10/100/1000 M WAN port (Auto MDI/MDIX) 4 *10/100/1000 M LAN port (Auto MDI/MDIX)
Buttons	Reset/WPS
LED	Power,PCI-E mode ,2.4G,WAN,LAN1 ,LAN2,LAN3,LAN4
Max Power consumption	< 12W

SOFTWARE

WAN Type	Access Point/AP Client/Gateway
Wireless Function	Auto-channel selection Distance Control (802.1x Ack timeout) Multiple SSID (4 SSIDs) WDS AP / WDS Bridge Client isolation MAC/IP Address & URL filtering Wireless STA (Client) connected list
DHCP	DHCP Server, DHCP Client
Network	Port Mapping, DMZ Host, Statics Routing, DDNS, UPN
Firewall Security	IP Address/Port/MAC
Management	Firmware Upgrade and backup, factory Reset, Restart, WEB management, log management
Environment	Operating temperature 0°C~40°C Storage temperature -40°C~70°C Relative humidity 10% ~ 90%, Non-Condensing Storage Humidity 5%~95% Non-Condensing
Storage Humidity	10% - 90%RH (non-condensing)

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