

AMT5810

Mini Router

AM Telecom's AMT5810 Mini Router using an LTE network enables to build network connection circumstances at low cost for any places or devices required for internet connection such as a POS terminal and ATM, and it is the right router solution to solve the constraints of LAN installation and its maintenance.



AM Telecom Router's Strengths

- 1. World-smallest LTE router**
 - It can be easily installed in narrow places without constraints of space as it is designed in the world smallest size.
- 2. Next generation CPU**
 - It adopts Qualcomm® Snapdragon™ and deliver stable network connection.
 - It provides faster network speed(150Mbps) than other previous LTE routers and enables speedy work process.
- 3. Low power and low heat**
 - It adopts Qualcomm's newest chipset technology and use only one chip instead of two chips used for other previous devices, and it supports low power consumption and optimized heat dissipation innovatively.
- 4. Convenience**
 - It can connect with various devices and solutions through two LAN ports according to customer's circumstances.
- 5. Unlimited remote support**
 - AMFOTA as AM Telecom's proprietary cloud service can support firmware update and remote diagnosis/monitoring, and it provides stable service for long period.

Client Value

- 1. Applicable for various industry segments**
 - It can be utilized for diverse solutions such as ATM, vending machine, POS terminal, etc.
 - It can be used for fleet management system on rental cars, buses, taxis, etc.
 - It can be utilized for public/remote monitoring on remote meter reading, CCTV, advertising panel, etc.
- 2. System building at low cost**
 - It supports to save your monthly maintenance cost largely compared to using ADSL or PSTN land-line.
 - It can be installed promptly at low cost with little constraints of space compared to much higher landline installation cost.
- 3. Particularly suitable for small-sized work places**
 - It is very suitable for POS terminals with small amount of credit card transactions at convenience stores, restaurants, etc.
 - It is quite affordable for numerous data transactions within LTE data quota compared to PSTN charges for every calls individually.

Key Features

1. World-smallest LTE router providing easy installation
2. Next generation CPU adoption (Qualcomm® Snapdragon™)
3. Delivering long-term operation stability through low power consumption & low heat technology
4. Extendable connections through 2 LAN ports



POS Terminal



Vending Machine



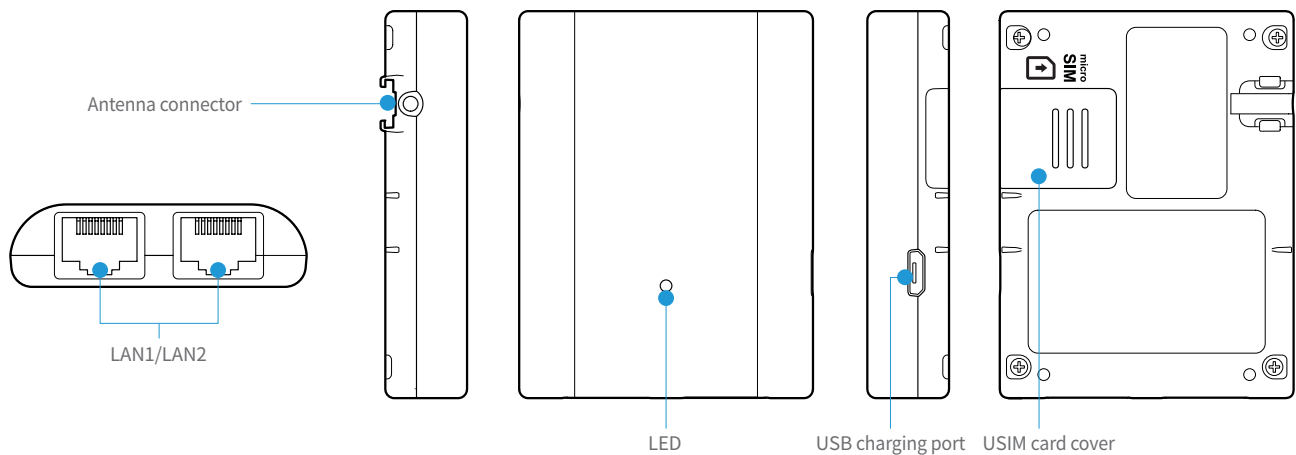
Outdoor Billboard



ATM

AMT5810

Mini Router



SPECIFICATIONS

H/W Specifications

4G LTE	Frequency Bands	Available as per customer's request
	LTE Category	Cat 4
	LTE Data Speed	150Mbps downlink, 50Mbps uplink
Main Chipset		Qualcomm MDM9207/9307
Interfaces	Ethernet	2 Ports (100Mbps)
	Antenna	Main & Sub (External Main Antenna Port)
	USIM	Micro USIM
Air Performance	Max RF Output power	LTE 23dBm
	MIMO	○
Power	Operation Voltage	4.5 ~ 5.5V
	Port	micro USB
Dimensions		66 x 50 x 13.9 mm
Environmental Conditions	Storage Temperature	- 40°C to + 85°C
	Operation Temperature	- 0°C to + 70°C

SW Specifications

Device status	<ul style="list-style-type: none"> • Connection status/time check • Network information: EARFCN, Cell ID, APN, RSRP, RSRQ, SINR • WiFi connected devices check • Total data usage • IMEI, firmware version check • System performance check: CPU usage, memory usage, Throughput
Configurations	<ul style="list-style-type: none"> • USIM PIN configuration • APN configuration(available in administrator mode only) • MTU size setting • MAC Filtering configuration • UPnP configuration • Port Forwarding configuration • Connection account configuration(administrator, user) • Language setting: English, Korean • WEB screen update time setting • Factory default • Firmware update via WEB UI • Configuration value back-up/restore

AM Telecom has been always standing in the front line to deliver optimal technologies and solutions by meeting various customers' requirements in telecommunications and M2M industry for the last 15 years. We support our customers to implement their solutions and systems at a low cost with efficient way as we hold cumulative technology enabling comprehensive IoT solutions along with devices supplied to our customers. We can make customer's products and services much stronger by considering the needs of our customers from the product design stage of the IoT solutions.

