



# ATL LTE18 kit

Make the most of your mobile coverage!

An advanced technology level directional LTE solution for fast and stable connectivity in rural and urban areas.



HIGH-SPEED INTERNET  
EVEN WHEN YOUR  
PHONE HAS NO SIGNAL!



BLAZING FAST  
CAT18 LTE MODEM



GIGABIT ETHERNET  
WITH POE-IN



POWERFUL 64-BIT  
DUAL-CORE ARM CPU



LARGE HIGH-GAIN  
ANTENNA



SNOW-RESISTANT  
DESIGN



EXTRA SMALL FORM-  
FACTOR – EASY SHIPPING  
AND HANDLING



4X4 MIMO  
SUPPORT



LTE BAND 28,  
700 MHZ – 1 GHZ  
SUPPORT

Speeds up to  
**one Gbps!**

The world keeps changing, but one thing remains certain: you've got to stay connected. Immediate access to information is vital. That's why we've developed the ATL: an advanced technology level directional LTE solution for those who want to squeeze the most out of LTE base stations.



ATL features a **phenomenal Category 18 LTE modem** and a **Gigabit Ethernet port with PoE-in**. Combined with the **modern ARM CPU**, this means speeds up to 1 Gbps, no bottlenecks!



One of the key features is the **4x4 MIMO** or multiple-input, multiple-output support. More antennas to work with – higher speed and better signal! You can expect fantastic performance in the cities with modern base stations. But ATL can also do wonders in rural areas as it supports **a wider frequency band range** for lower band antennas. There are **4 high-gain middle band** (1.7 – 2.7 GHz) and **2 high-gain low band** antennas (700 MHz – 1 GHz, LTE Band 28). Why is that important? Two reasons. First of all, the 700 and 800 MHz LTE band is one of the most popular frequency options in the world. It is used by countless mobile operators everywhere, so ATL will always be able to find some signal. And the second reason is the nature of the lower frequency itself: this type of radio wave can travel very far. It all depends on many factors, including how flat the terrain is, but rest assured – with ATL you are in good hands.

At first glance, the **ATL LTE18 kit** looks like a spaceship, but there's a good reason for that. This design **prevents snow and water** from collecting and freezing up. So not only is it compact and easy to ship, it can also **handle some of the roughest weather conditions**.

ATL is an excellent tool for fast and stable connections in cold, snowy cities without having to clean the antenna all the time. And the LTE Category 18 modem is pretty future-proof, so you won't have to worry about upgrades for quite some time.

## • Specifications

Product code	ATLGM&EG18-EA
CPU	Dual-core 88F3720 1.2 GHz
CPU architecture	ARM 64bit
Size of RAM	256 MB
RAM type	DDR3L
Storage	16 MB, Flash
Number of 1G Ethernet ports	1
LTE modem	R1mL-EG18-EA
TAC	86981604
LTE Category	18 (1.2Gbps Downlink, 150Mbps Uplink)
LTE bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz) / 28 (700MHz) / 38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R8 (42.2Mbps Downlink, 11.2Mbps Uplink)
3G Bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz)
Dimensions	315 mm diameter x 170 mm depth
Operating system	RouterOS, License level 3
Operating temperature	-40°C to +70°C

## • Powering

Number of DC inputs	1
DC input type	PoE-in (12-57)
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
Max power consumption without attachments	8 W
Max power consumption	8 W

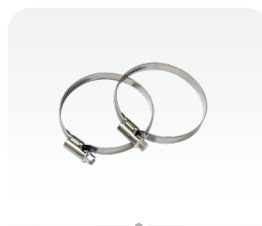
## • Included parts



24 V 0.8 A  
power adapter



Gigabit  
PoE injector



Hose clamp

# • Antenna patterns

