



SOUTH AFRICA  
FEBRUARY 2020



WHAT DO WE DO?



WE MAKE SOFTWARE AND HARDWARE



MORE THAN 200 PRODUCTS



HOME

OUTDOOR

SOHO

CARRIER





LATVIA



- Established in 1996
- RouterOS created in 1997
- RouterBOARD created in 2002



A world map with a dark purple background and a grid of latitude and longitude lines. The map is populated with numerous small yellow plus signs (+) representing locations. The plus signs are most densely clustered in North America, Europe, and Asia, with more sparse distributions in South America, Africa, and Australia. Five white rectangular text boxes with thin borders are overlaid on the map, each containing a number and a profession. The text is in a white, sans-serif, all-caps font.

AVAILABLE AROUND THE WORLD

800 academies

2200 consultants

800 distributors

500 trainers



# MIKROTIK USER MEETING

A world map with a dark purple background and a grid of latitude and longitude lines. Orange hexagons are placed on the map to represent the locations of Mikrotik User Meetings. The hexagons are concentrated in North America, Europe, and Asia, with a few scattered in South America and Africa. The map is oriented with North at the top.

80+ countries

220 events

3500+ participants



# Conference

- 4 staff members from MikroTik
- Schedule available **<https://mt.lv/agenda>**
- Lunch with tickets 12:00 - 13:30
- Lottery after the event
- Wireless: Mikro2020 Password: **Mikro2020**



Live video stream  
[youtube.com/mikrotik](https://youtube.com/mikrotik)







# NetMetal ac<sup>2</sup>

- Dual concurrent out of the box
- miniPCle slot for an LTE modem
- SFP port
- As tough as ever

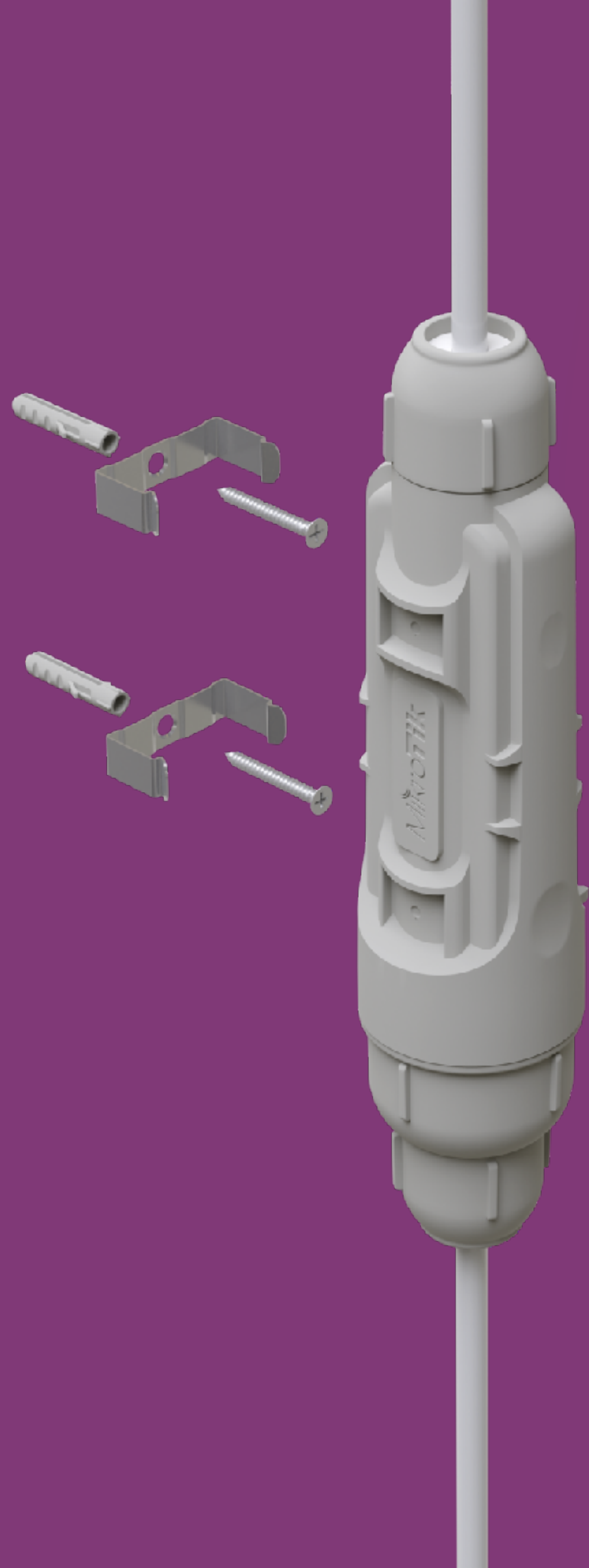






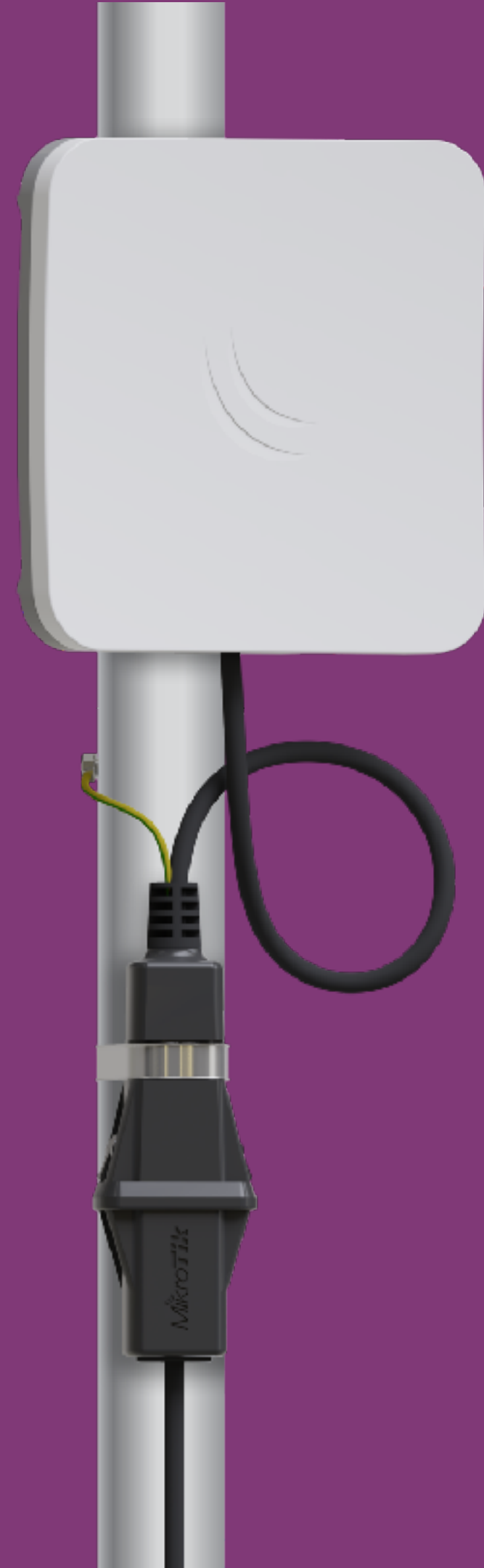
# GPER

- Gigabit passive Ethernet repeater
- Ethernet extender with PoE passthrough
- 24-57 V supported
- Integrated 15 kV ESD protection
- ~2.5 V loss per 100 meters, allows up to 1.5 km long cable with PoE



# GPER Case

- Outdoor enclosure for GPeR units
- Extend Ethernet network anywhere
- Has IP68 protection



# GESP

- Gigabit Ethernet surge protector
- Up to 30 kV
- Tower, server room or both

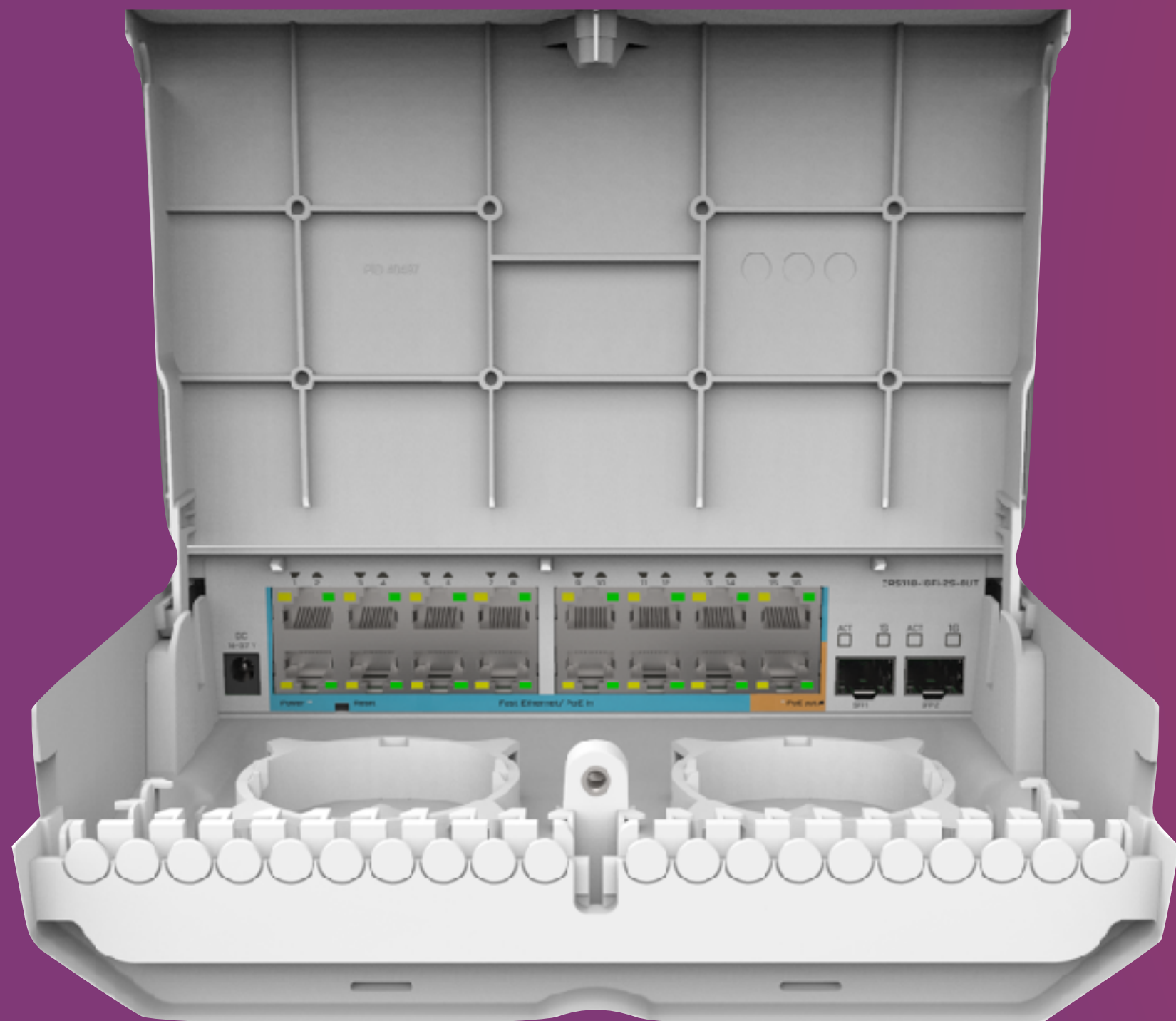




# GPEN

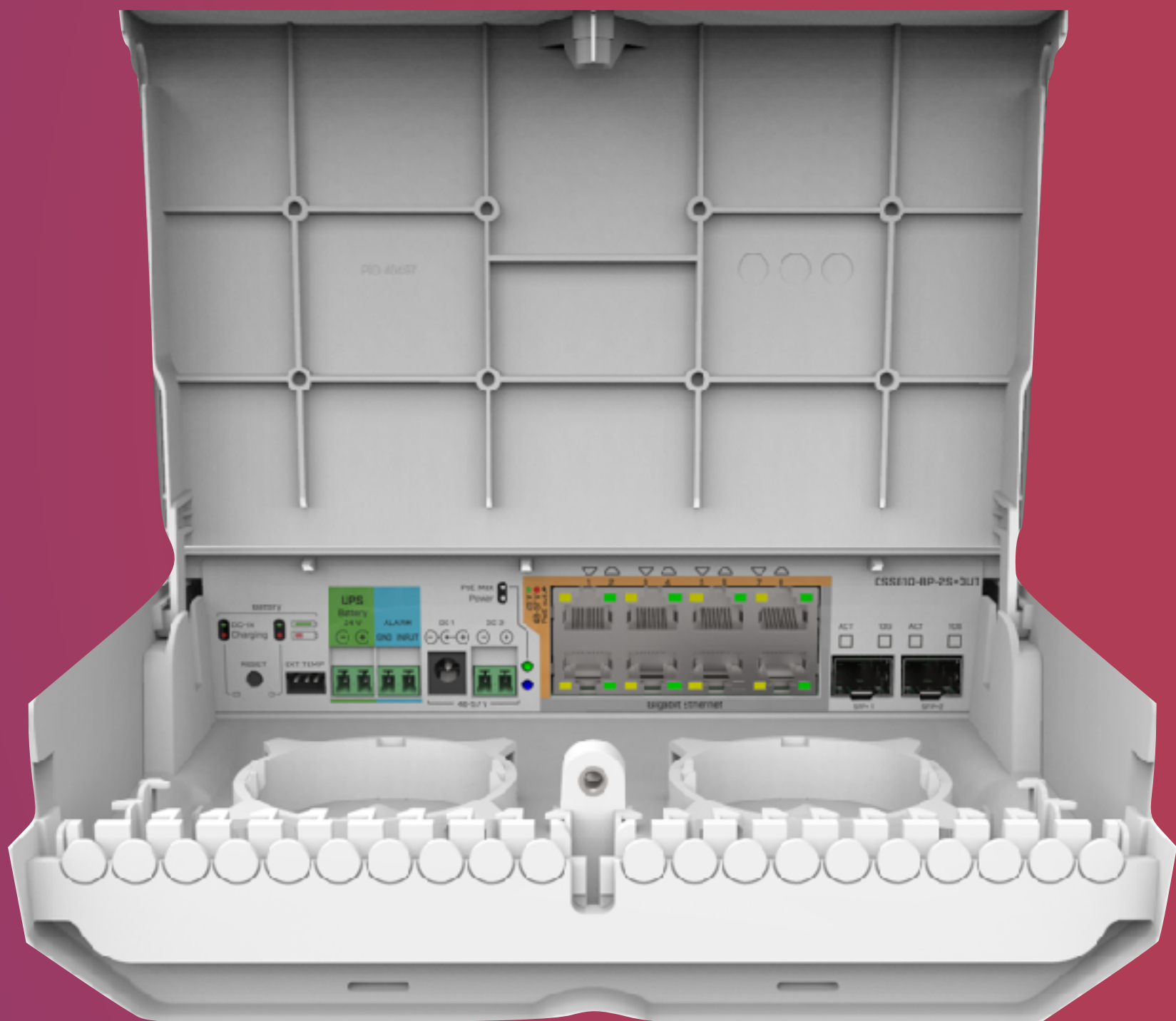
- Gigabit passive Ethernet network
- GPEN11 - PoE injector, can be mounted securely
- GPEN21 - smart injector, also adds SFP for fiber to copper functionality

# netPower



**CRS318**

15x PoE in	16x PoE out
1x PoE out	



**CSS610**

7x PoE in	8x PoE out
1x PoE out	



# QM-X

- Designed for popular SXTsq series
- Horizontal and vertical alignment

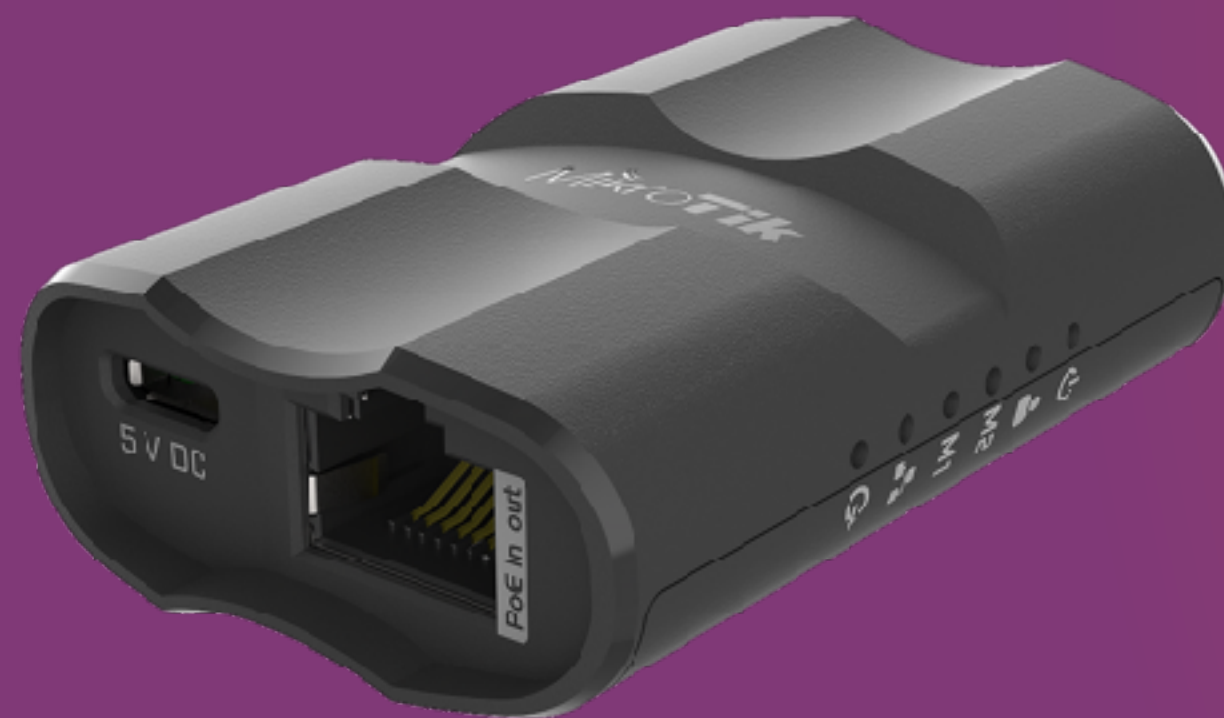


# mUPS PRO



- Same form factor as mUPS
- 12 V/24 V battery support
- 24 V/48 V PoE out support
- Managed through web interface

# MQS



- Mobile quick setup
- Administrators friend
- Manage Ethernet only devices from your phone over WiFi
- Can be powered from power bank
- PoE out voltage 12 V

# PWR Line



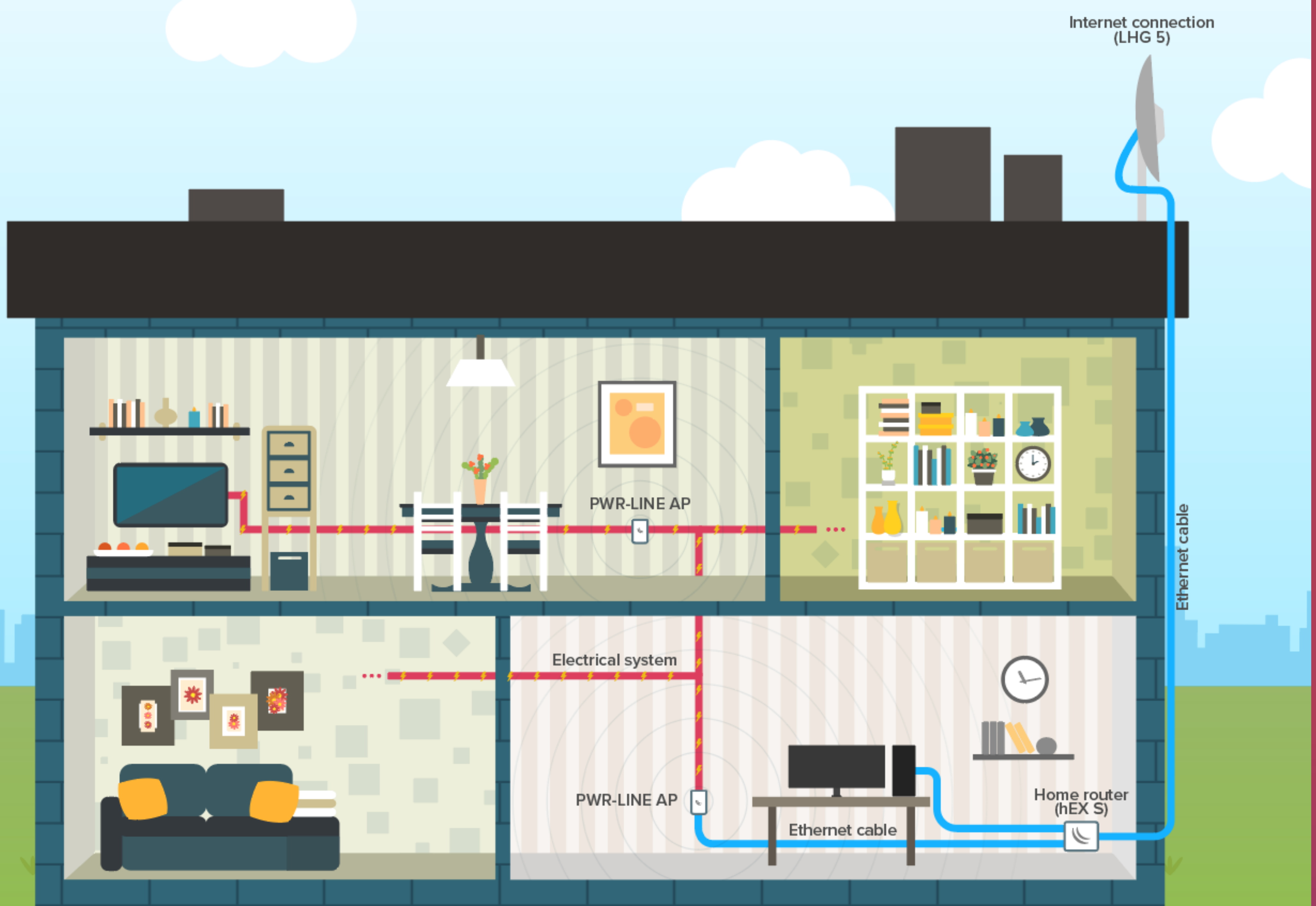
- Adds PowerLine function via microUSB
- Supported by the new hAP lite & mini and mAP family devices
- Connect to PWR Line AP or other routers over the electrical line



# PWR Line PRO



- Power-line bridge
- Up to 600 Mbps
- Supports HomePlug AV2
- PoE out





# Cube Lite60



- Replacement for SXTsq Lite60
- 4x the distance
- Up to 800 meters

# 60 GHz device family

wAP 60Gx3 AP



Cube Lite60



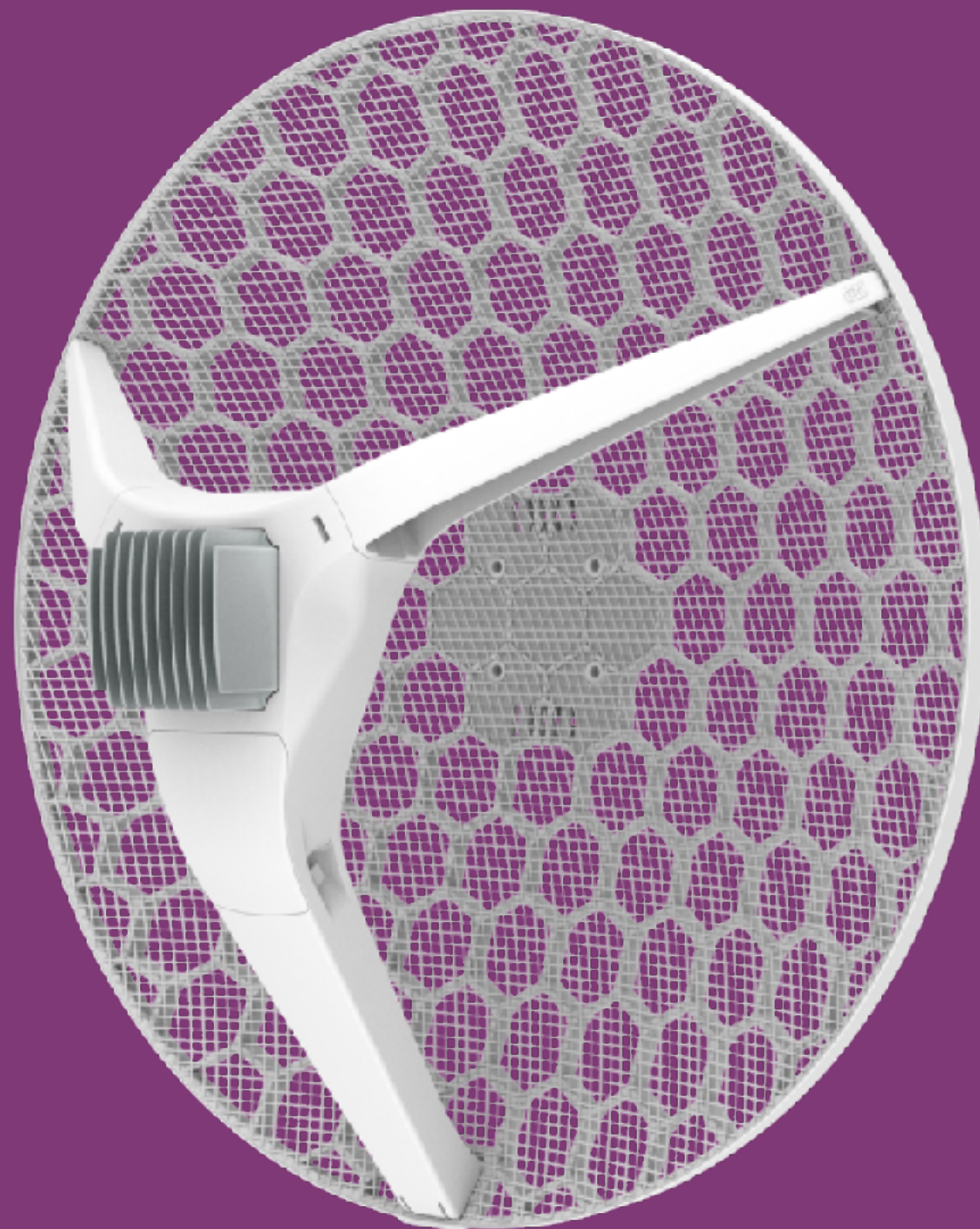
Wireless Wire Dish



200m ..... 800m ..... 1500m

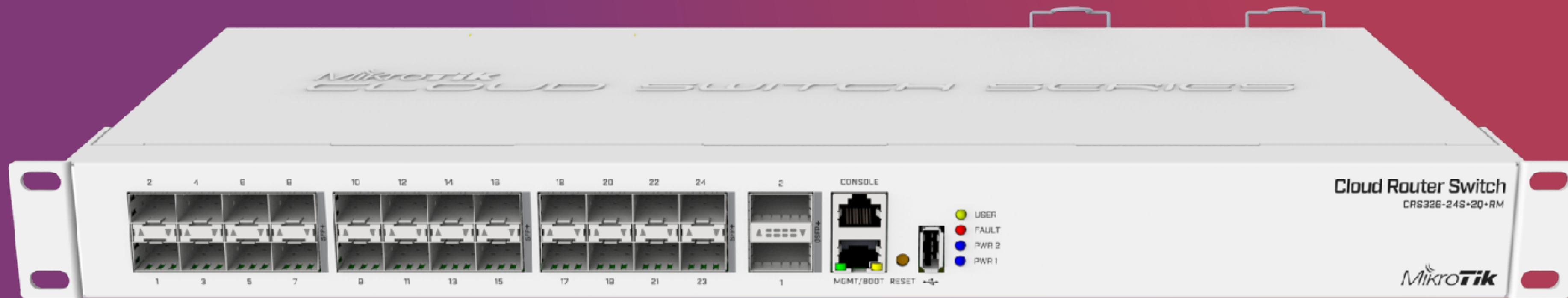


# LHG XL 52 ac



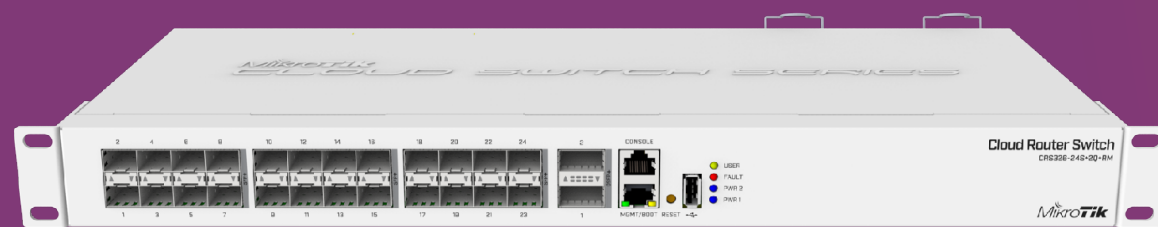
- Dual band
- Gigabit Ethernet and SFP
- High throughput, no downtime connections
- Very high gain and output power

# CRS326-24S+2Q+





# CRS326-24S+2Q+



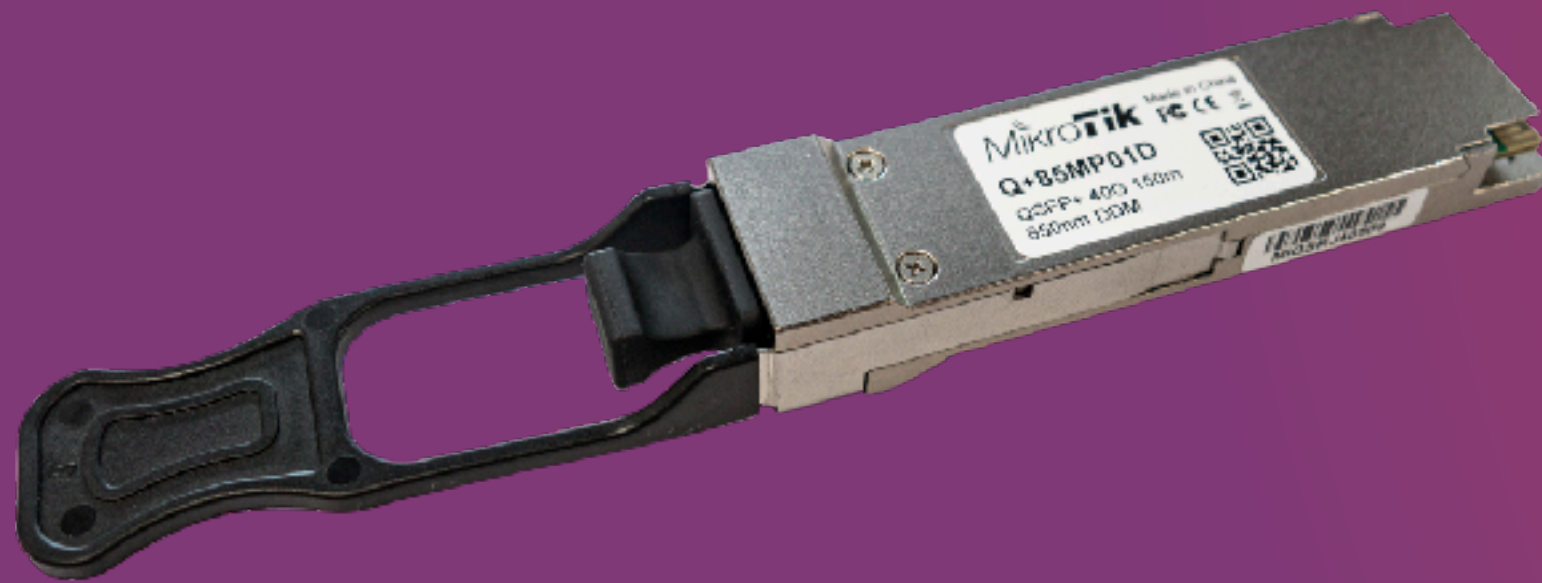
- 24x SFP+ (10G ports)
- 2x QSFP+ (40G ports)
- Console, USB
- Dual PSU

# 40G accessories

- Q+85MP01D
- Q+BC0003-S+
- Q+DA0001



# Q+85MP01D



- 40 Gbps
- 100 m on OM3 and 150 on OM4
- Built-in digital diagnostic functions



# Q+BC0003-S+



- 40 Gbps to 4x 10 Gbps
- Works between MikroTik
- 3 meter cable

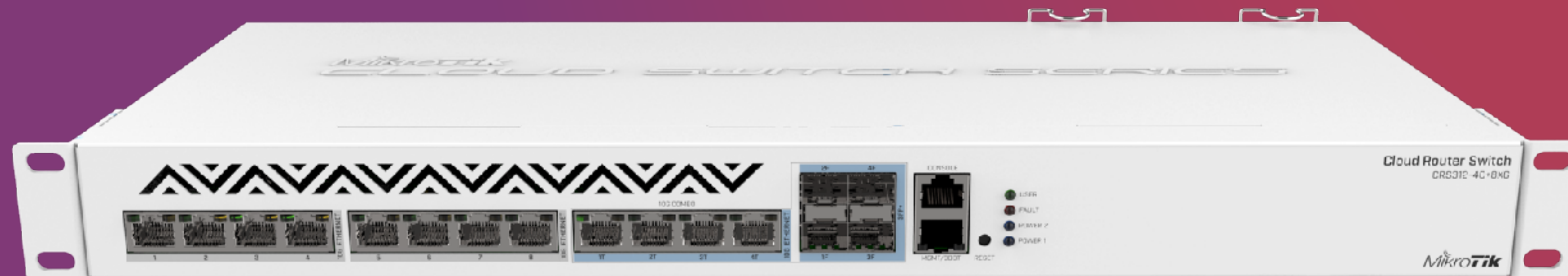
# Q+DA0001



- 40 Gbps to 40 Gbps
- 1 meter



# CRS312-4C+8XG





# CRS312-4C+8XG



- 8x 10G Ethernet ports
- 4x 10G Ethernet / 10G SFP+ combo ports
- Console and management ports
- Dual PSU



# LoRa

- wAP 2 GHz AP with LoRa gateway
- UDP packet forwarder to any public or private network server
- Integrated 2.5 dBi antenna with external antenna support
- LoRa mPCIe gateway module available

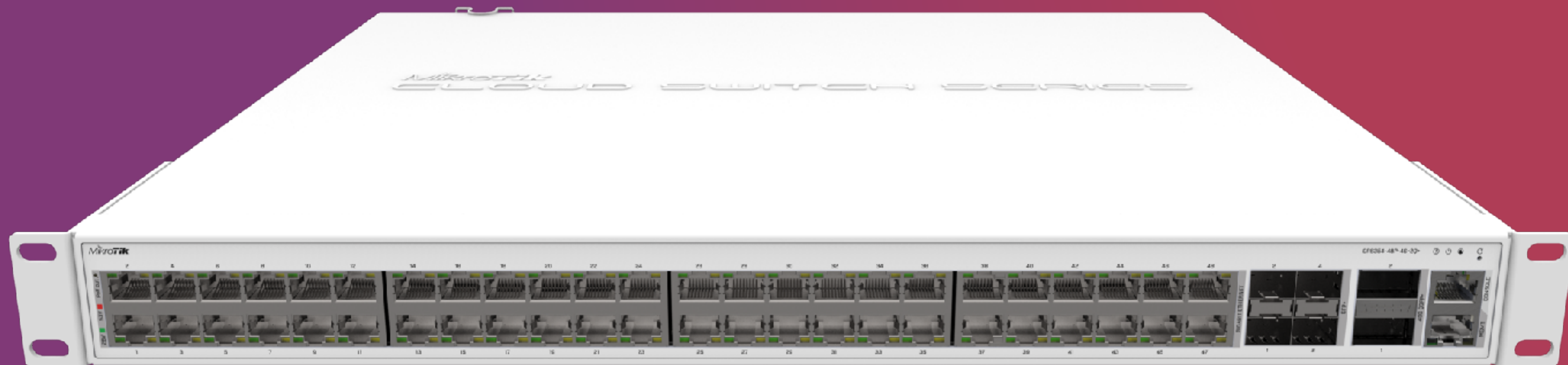
# LoRa accessories



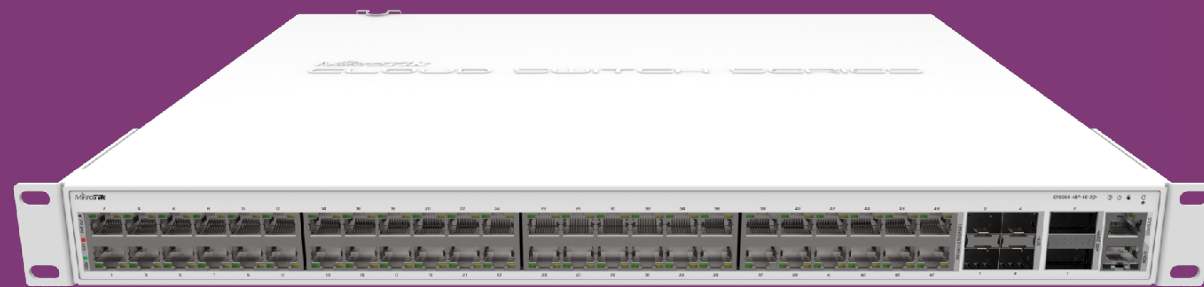
- Card separately
- 1 meter omni antenna



# CRS354



# CRS354



- 48x Gigabit ports
- 4x SFP+ ports
- 2x QSFP+ ports
- CRS354-48G-4S+2Q+RM already available
- 48x PoE out port version

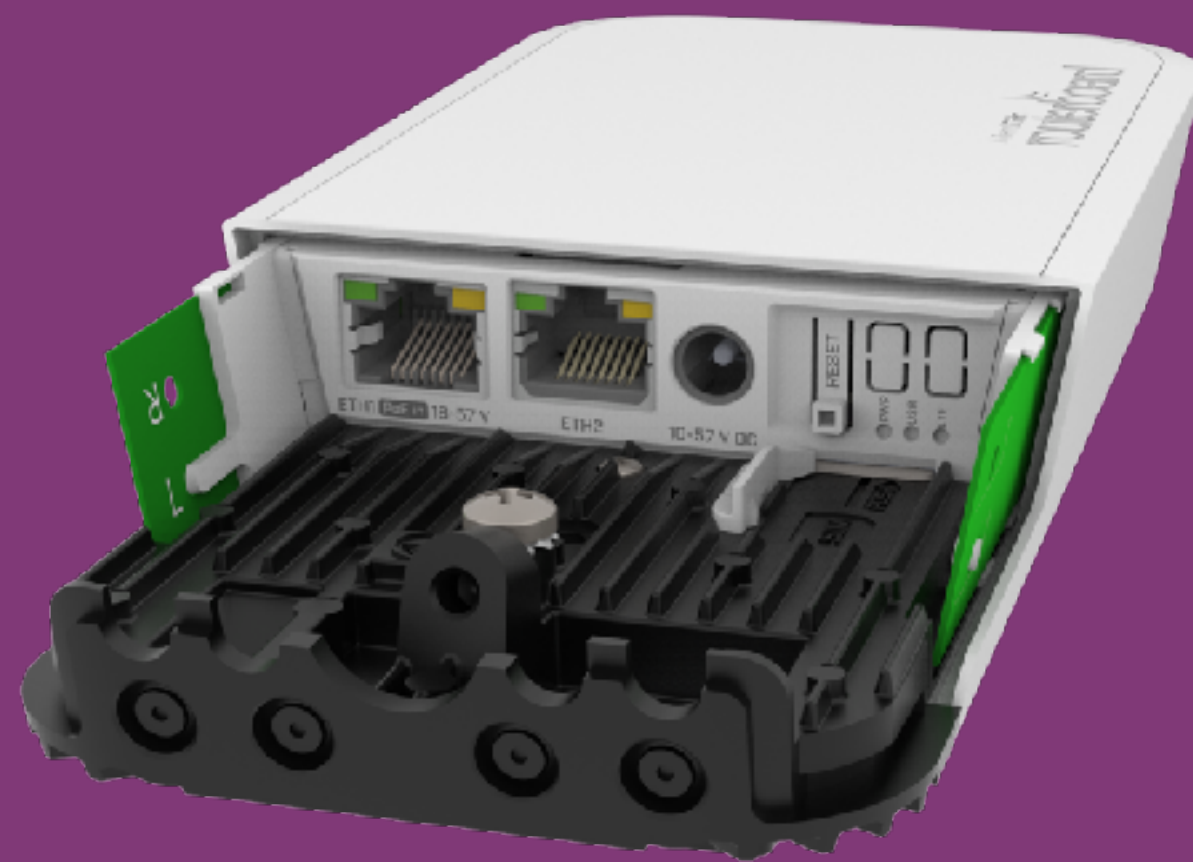
# CCR updates



- All CCR 16-core and 36-core routers now will have dual PSU for redundancy
- Full size USB port
- Improved PSU design
- Optional 48 V PSU available separately



# wAP ac kit



- (2.4/5 GHz), dual-band
- 2 Gigabit Ethernet interfaces
- miniPCle slot for LTE
- CPU 4 cores
- 3 models (LTE, 4G, w/o miniPCle card)



# LtAP

- Three SIM slots, two miniPCle
- GPS (GNSS), built-in WiFi, multiple power sources, USB, console
- SMA connector for GPS, places for optional SMA connectors for other antennas

# R11e-LTE6



- Up to 300 Mbps downlink and 50 Mbps uplink (CAT6 LTE)
- Carrier aggregation support
- Can be used with any RouterOS powered device



# LTE6 kits

LtAP



wAP



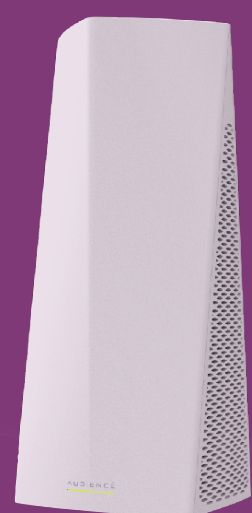
SXT



LHG









# Audience

- 
- Tri-band 802.11ac home AP with mesh function
  - Secondary 5 GHz interface pairs with other units
  - Two Ethernet ports
  - LTE model with SIM slot and CAT6 modem



# YOUR WI-FI HAS AN AUDIENCE

Who said you should hide your router in the closet? Bring it out in the open and enjoy faster and smoother signal in your whole home. A router for those who value both beauty and functionality.

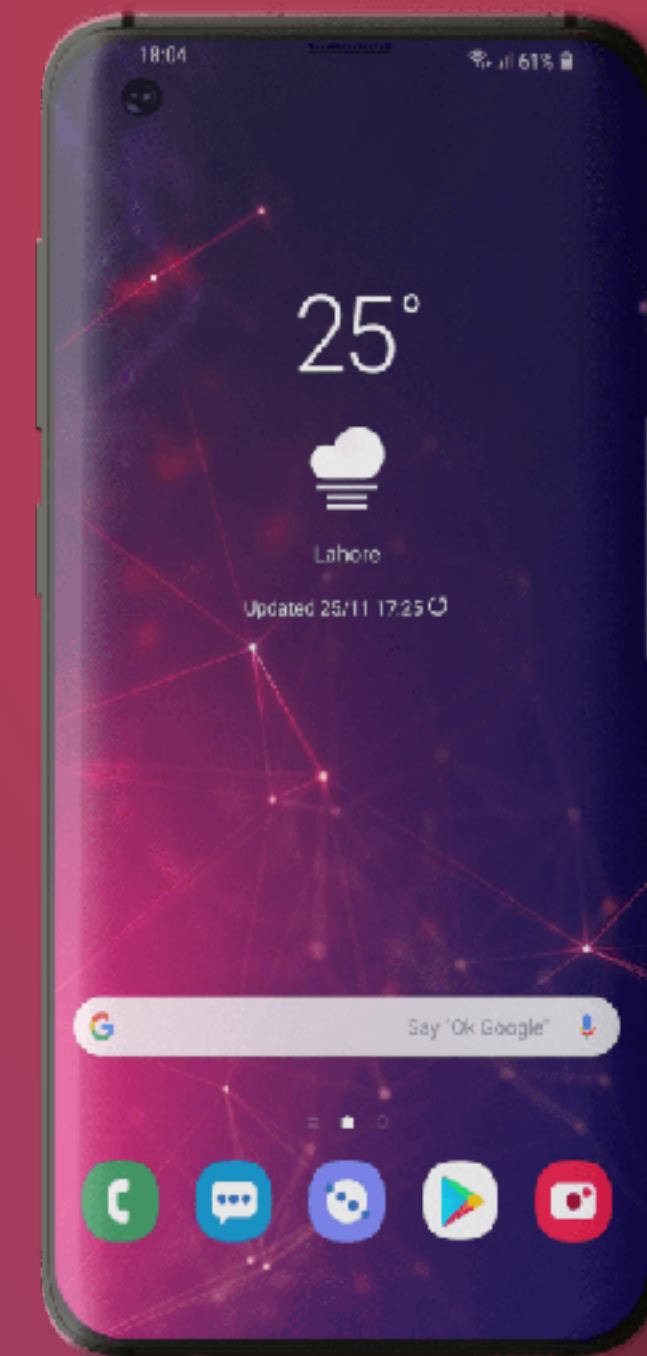








# MikroTik app for mobile



# MikroTik news

## Email privacy settings

☒ News and product announcements

☒ Security announcements

☒ Public event promotion (MUM, Trainings, etc)

☐ Any other unspecified subject

We will send you only emails in categories you have opted to receive.

To perform and maintain our mutual business relations, supply goods and services, realize our legitimate interests, We are entitled to notify and You will also receive notifications and/or emails according to our [Principles of processing personal data](#).

Save email privacy settings

- [mt.lv/news](https://mt.lv/news)

- Subscribe for the latest news





# MikroTik and 5G









# ROUTEROS V7

# MikroTik RouterOS v7

- 7.0beta5 released for testing
- For 5G and other modems
- Available on MikroTik download page





*Mikro***Tik**