MikroTik

GUATEMALA

ENERO 2020



WHAT DO WE DO?

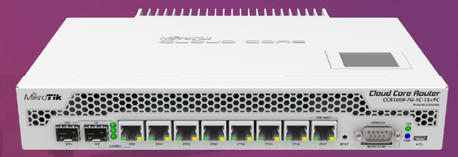

WE MAKE SOFTWARE AND HARDWARE

MORE THAN 200 PRODUCTS







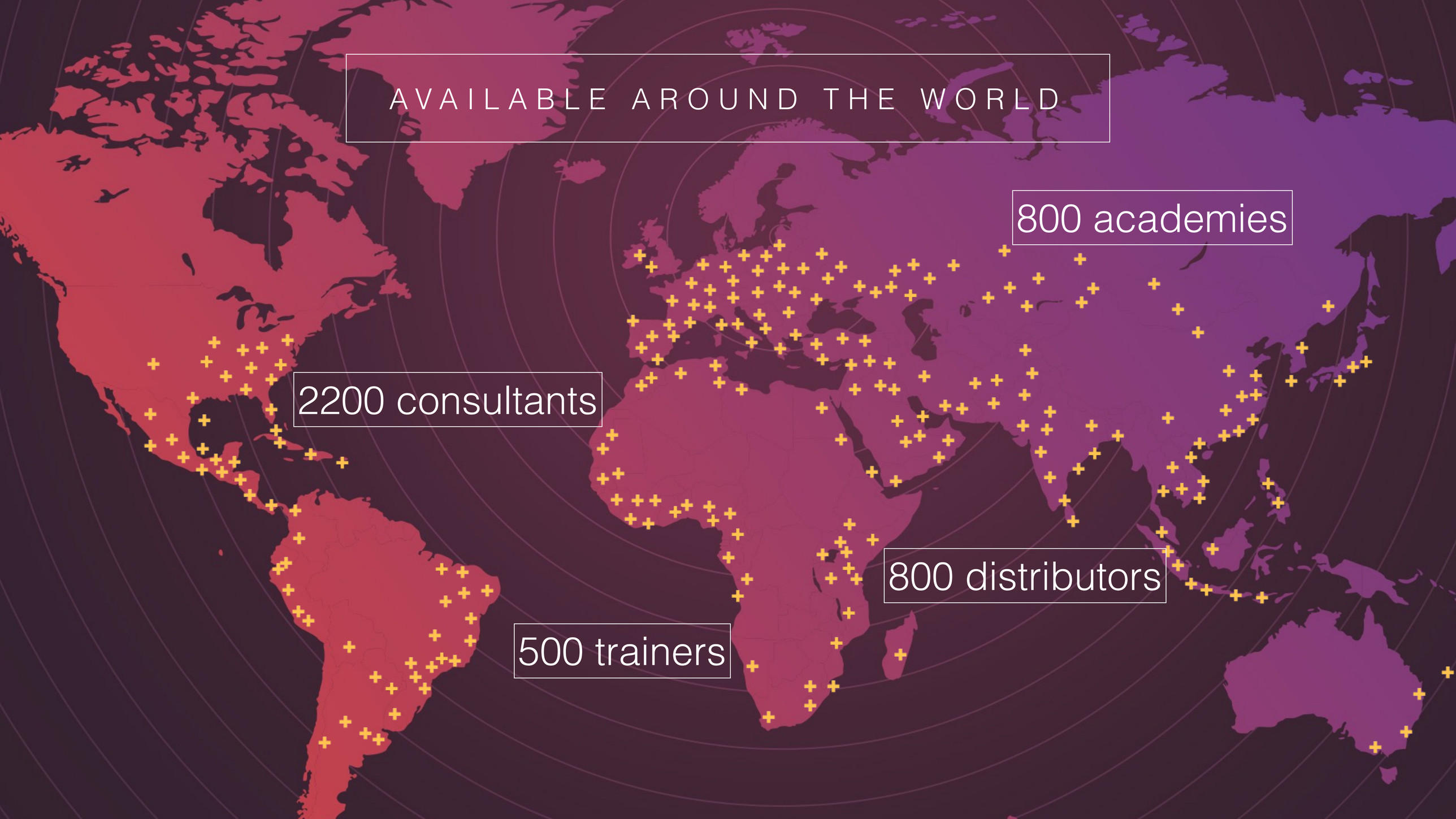


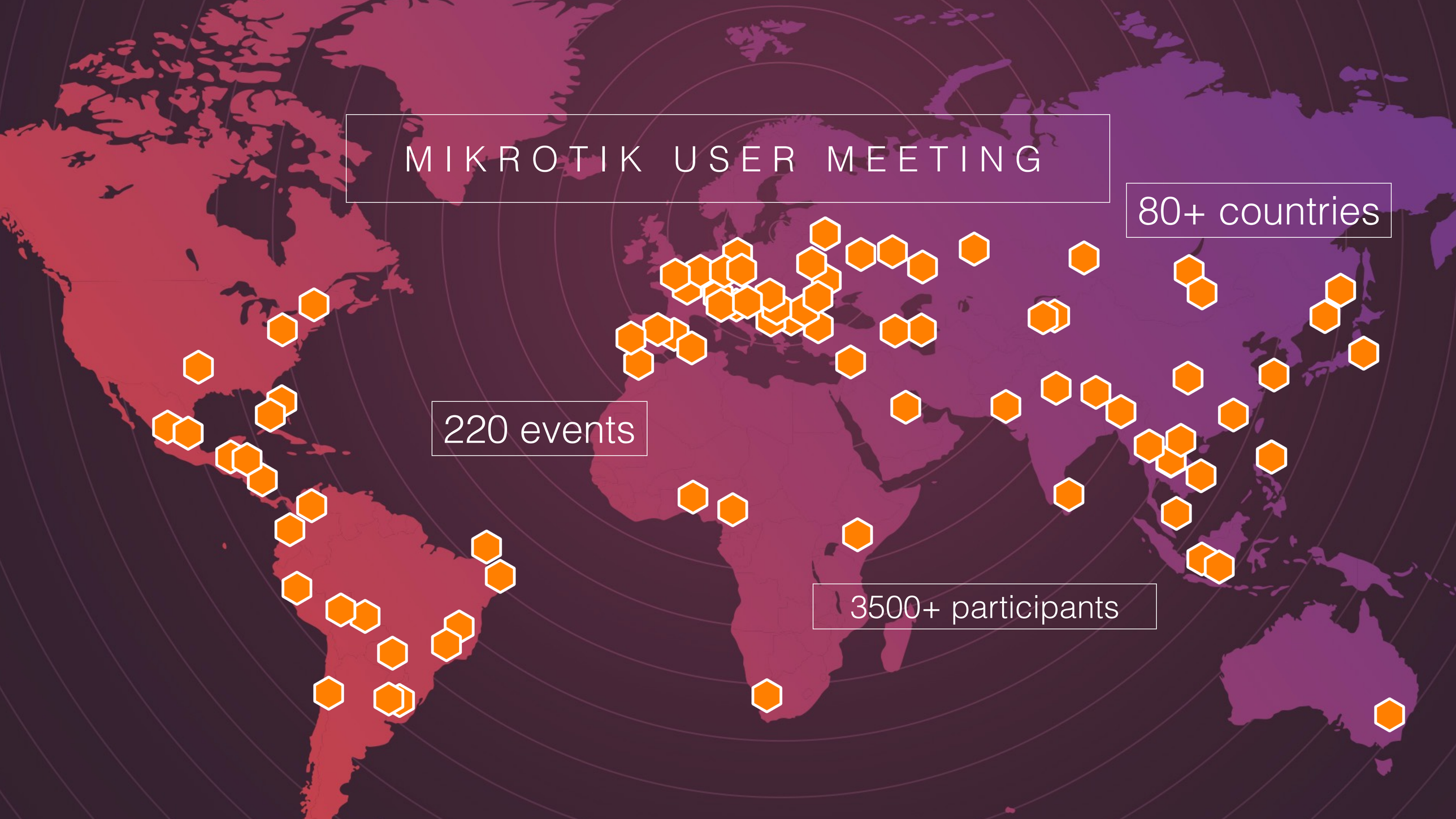
HOME OUTDOOR SOHO CARRIER


LATVIA

MikroTik

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


AVAILABLE AROUND THE WORLD
800 academies
2200 consultants
800 distributors
500 trainers


MIKROTIK USER MEETING
80+ countries
220 events
3500+ participants

Conference

- 4 staff members from MikroTik
- Schedule **mt.lv/agenda**
- Almuerzo (con tickets) 13:30
- Sorteo
- Wireless: **MUM_GUATEMALA** Password: **mikrotik**

Muchísimas gracias

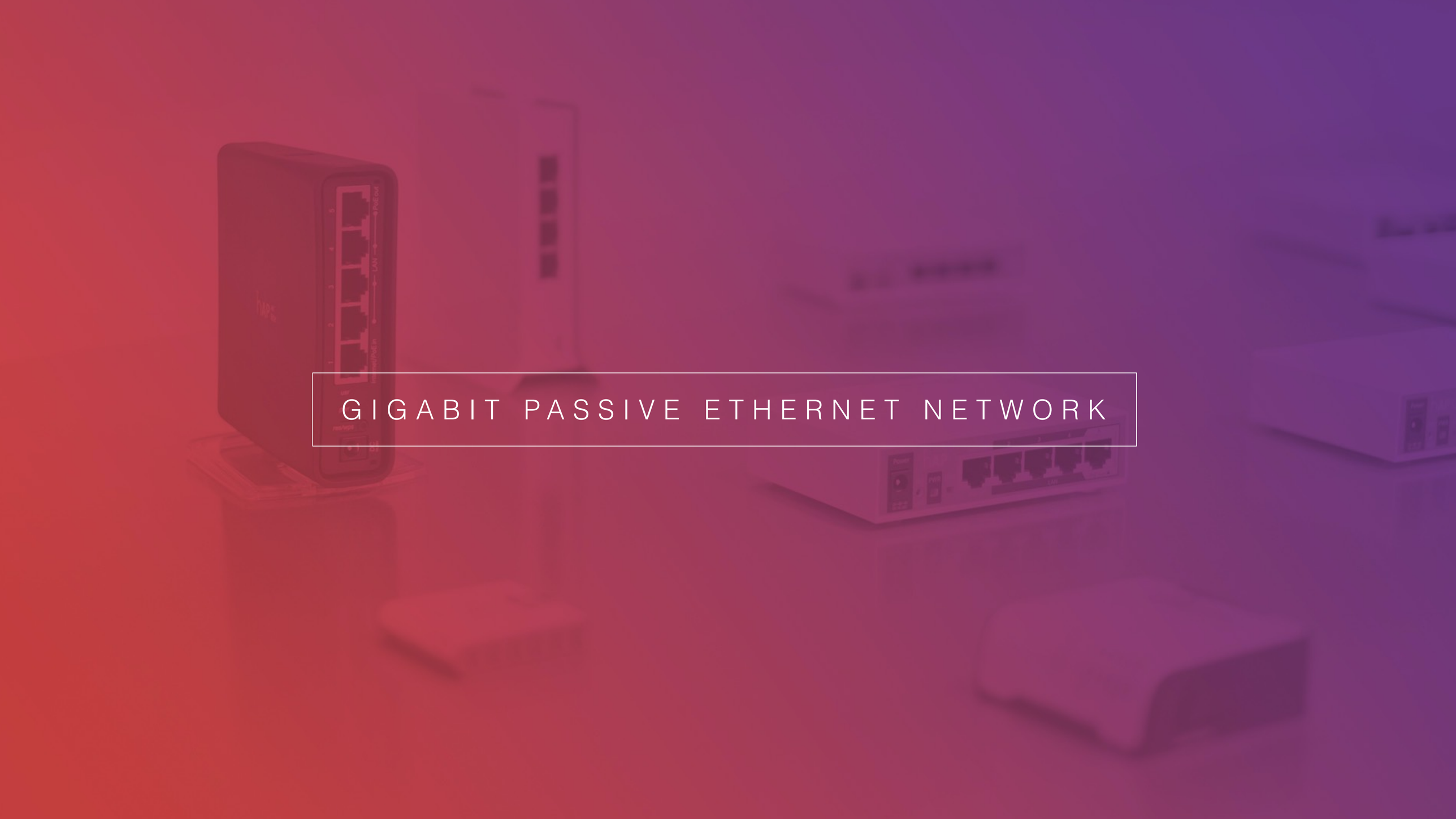
GIGANET®
COMMUNICATIONS

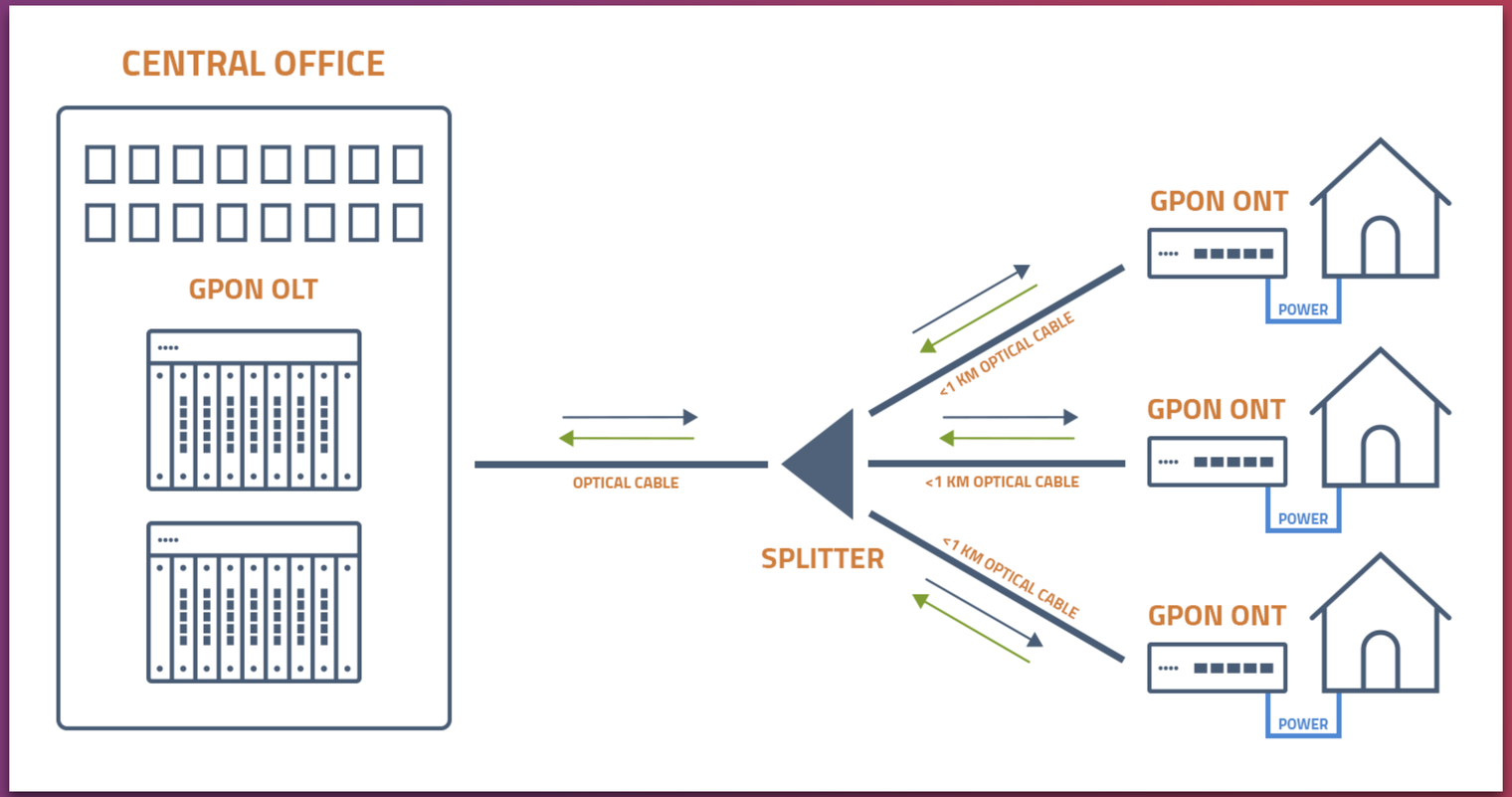

Live video stream
youtube.com/mikrotik

NEW PRODUCTS



GIGABIT PASSIVE ETHERNET NETWORK

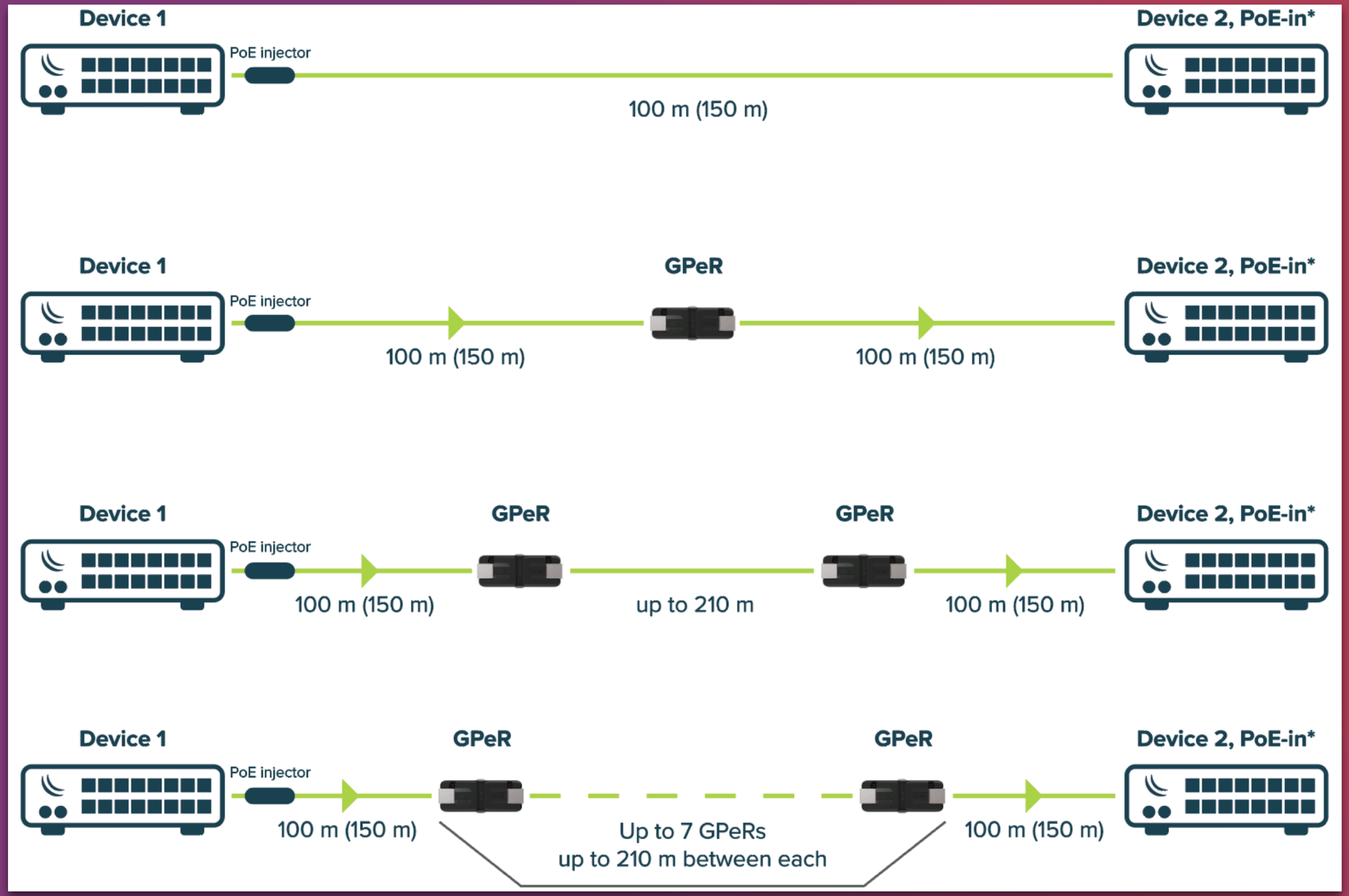


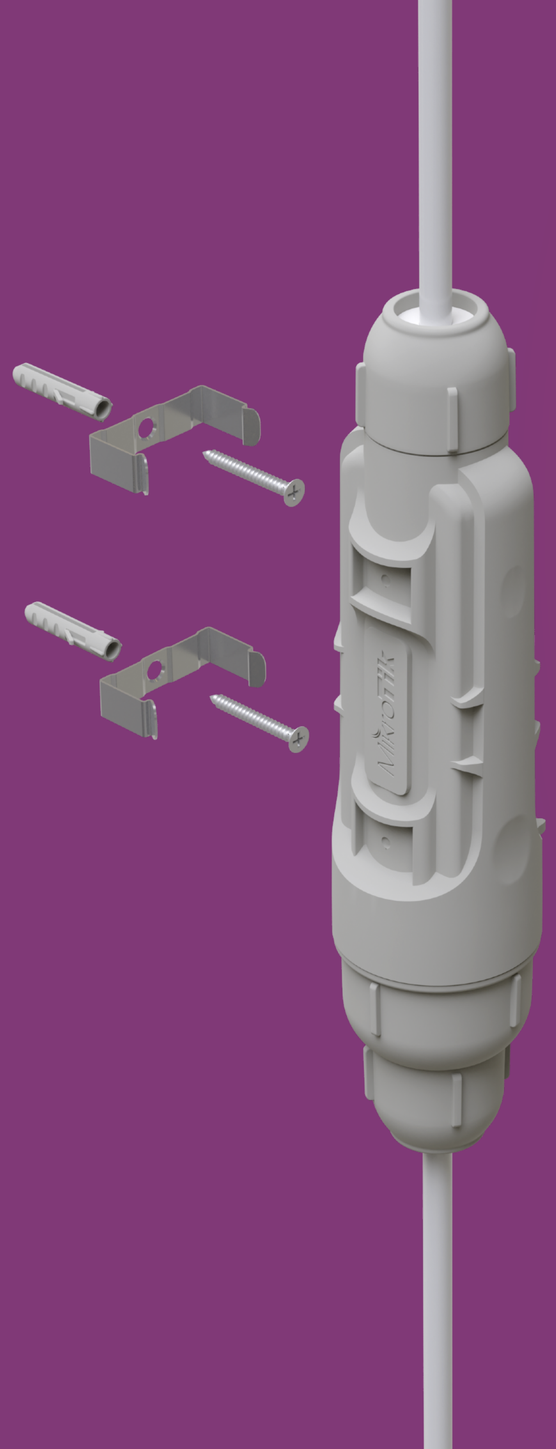

CENTRAL OFFICE
GPON OLT
OPTICAL CABLE
SPLITTER
<1 KM OPTICAL CABLE
<1 KM OPTICAL CABLE
<1 KM OPTICAL CABLE
GPON ONT
GPON ONT
GPON ONT
POWER
POWER
POWER



GPER

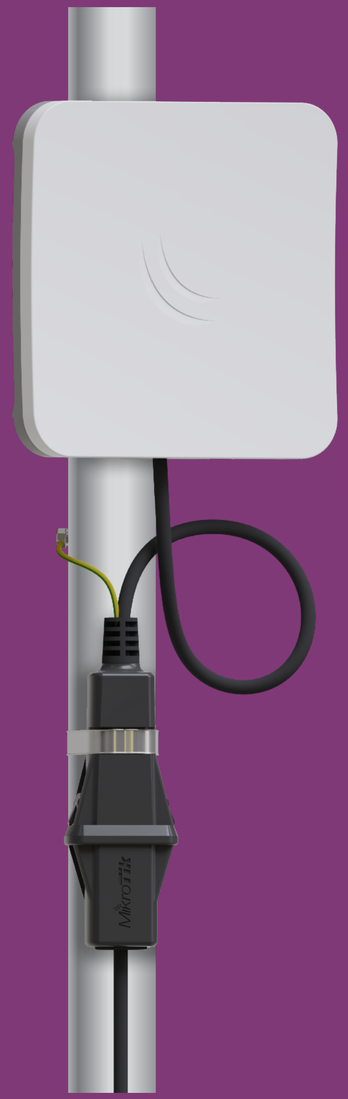
- Gigabit passive Ethernet repeater
- Ethernet extender with PoE passthrough
- 24-57 V supported
- Integrated 15 kV ESD protection
- ~2.5 V loss per 100 meters, allows up to 1.5 km long cable with PoE


Device 1
PoE injector
Device 2, PoE-in*
100 m (150 m)
Device 1
GPeR
Device 2, PoE-in*
PoE injector
100 m (150 m)
100 m (150 m)
Device 1
GPeR
GPeR
Device 2, PoE-in*
PoE injector
100 m (150 m)
up to 210 m
100 m (150 m)
Device 1
GPeR
GPeR
Device 2, PoE-in*
PoE injector
100 m (150 m)
Up to 7 GPeRs
up to 210 m between each
100 m (150 m)



GPER Case

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



GESP

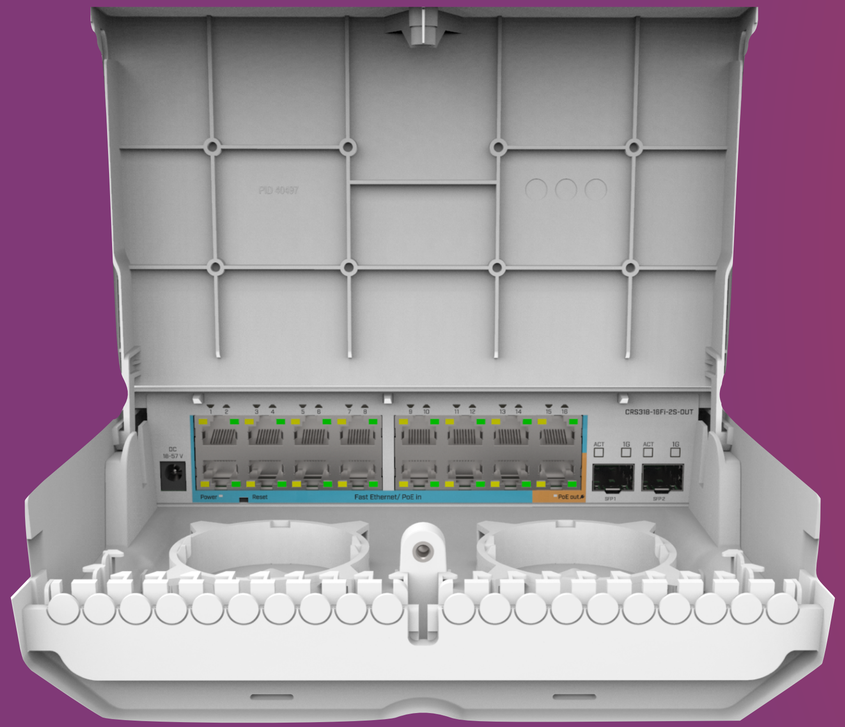
- Gigabit Ethernet surge protector
- Up to 30 kV
- Tower, server room or both



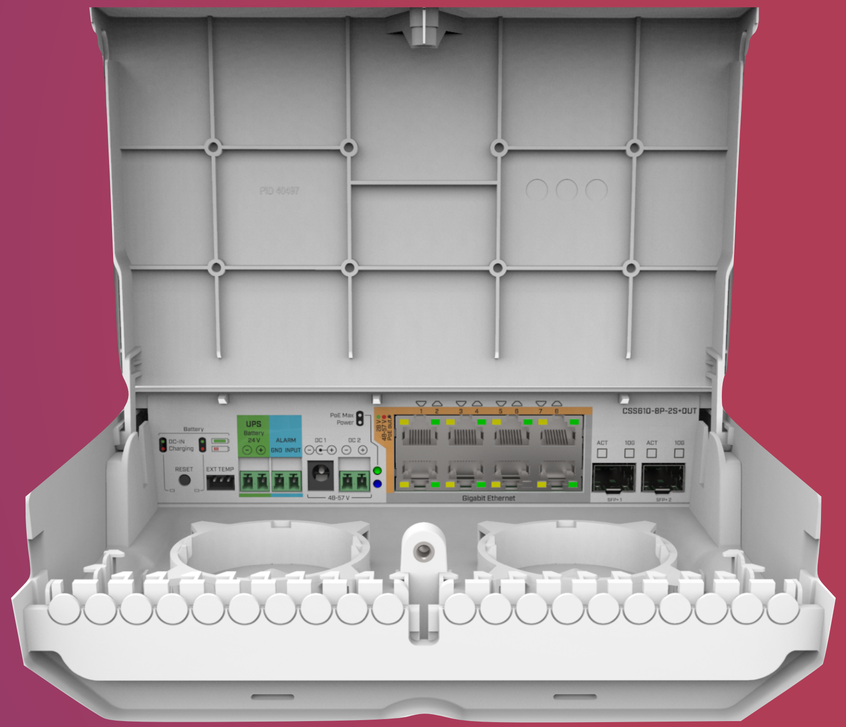
GPEN

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

netPower

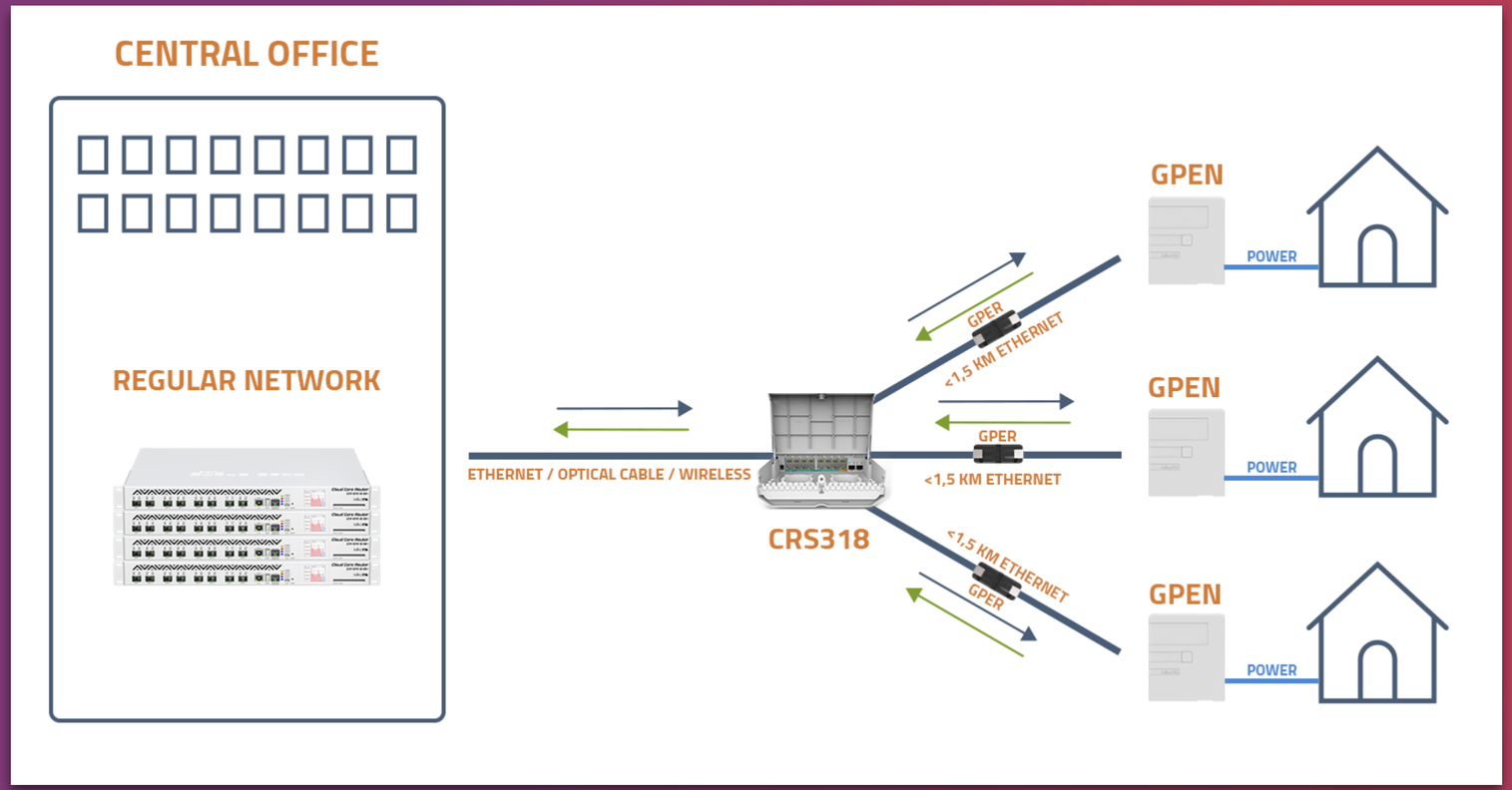


CRS318	
15x PoE in	16x PoE out
1x PoE out	

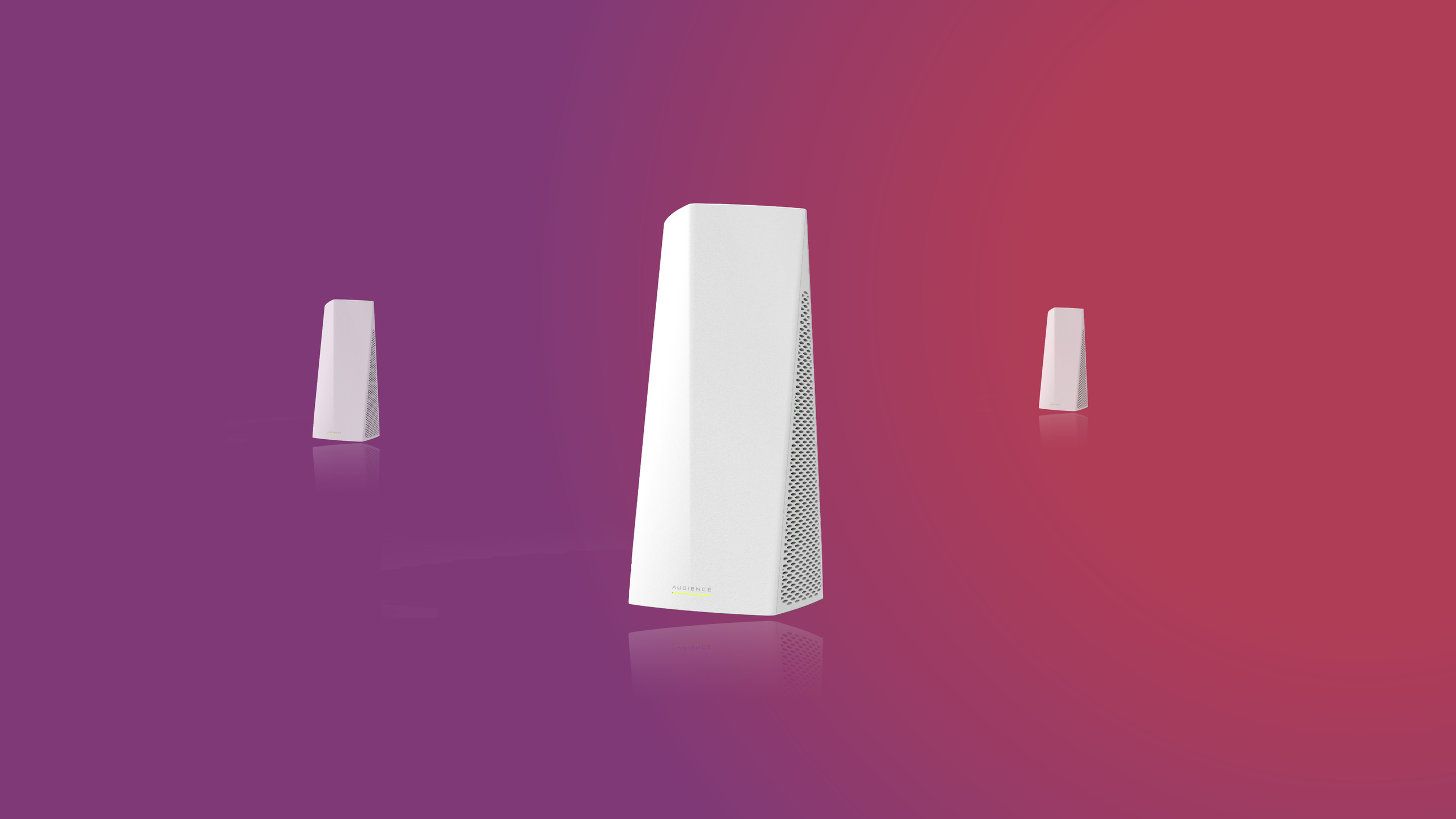


CSS610	
7x PoE in	8x PoE out
1x PoE out	

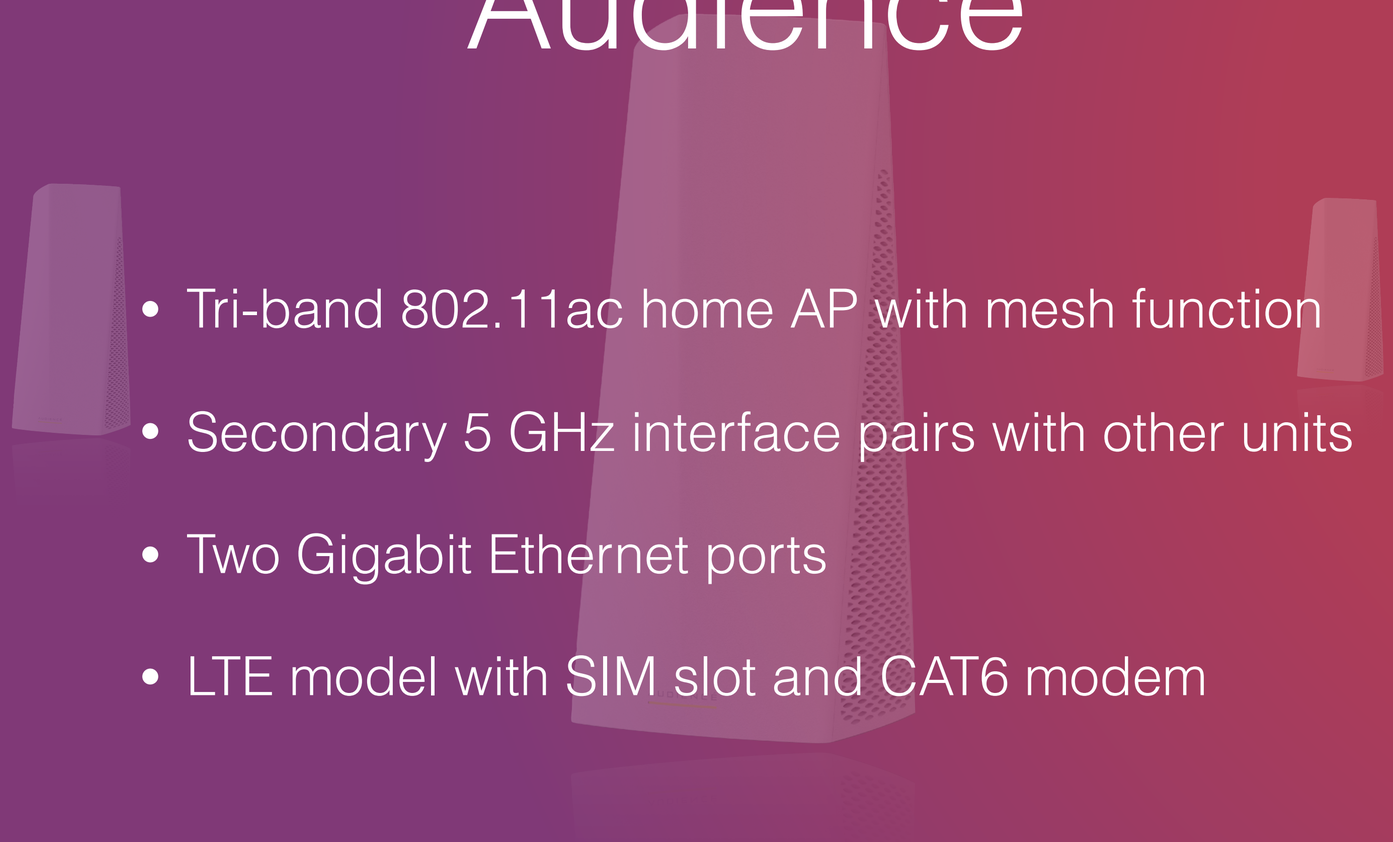
GIGABIT PASSIVE ETHERNET NETWORK



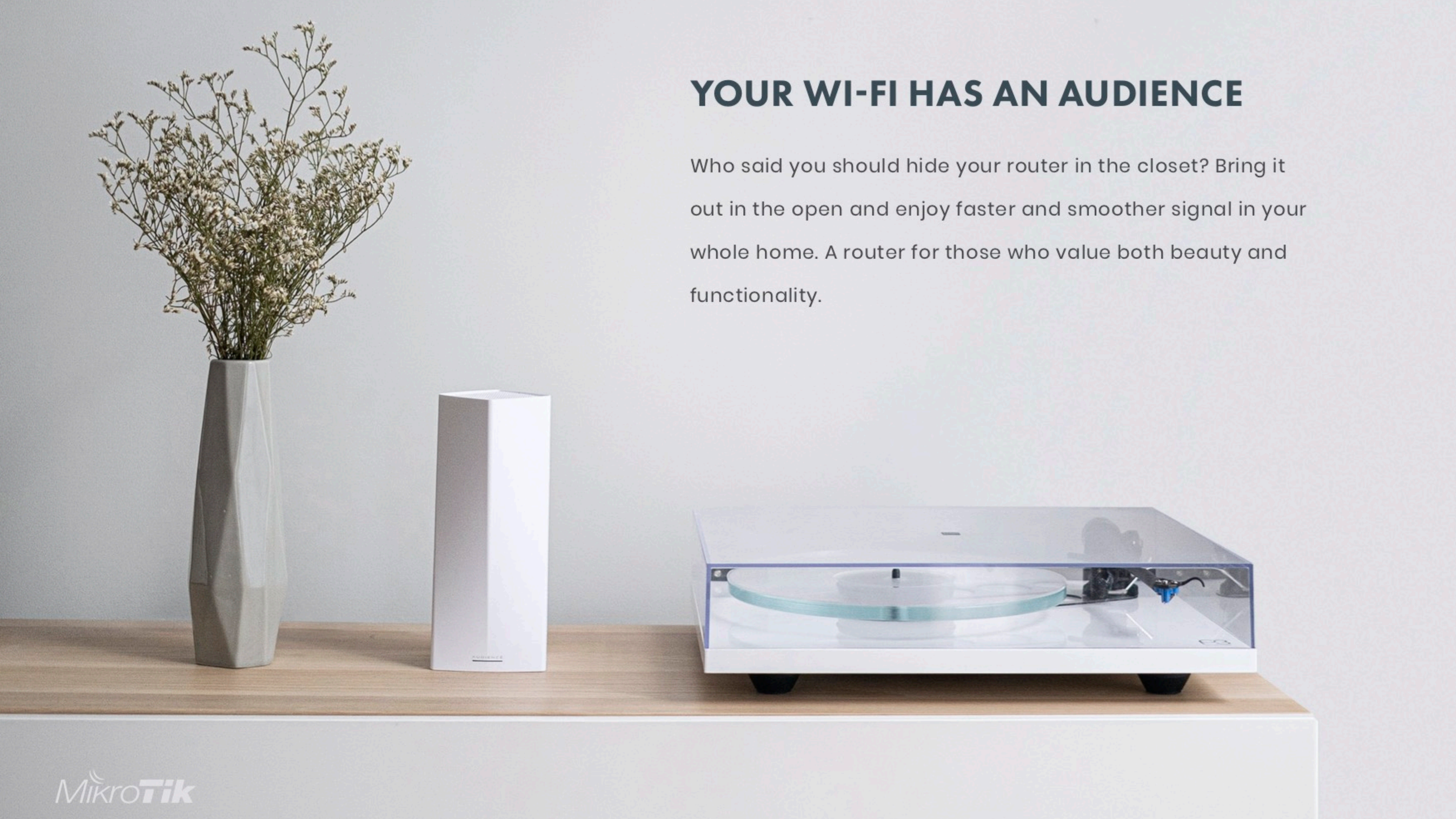

AUDIENCE


AUDIENCE

Audience



- Tri-band 802.11ac home AP with mesh function
- Secondary 5 GHz interface pairs with other units
- Two Gigabit 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

wAP ac kit



- (2.4/5 GHz), dual-band
- 2 Gigabit Ethernet interfaces
- miniPCIe slot for LTE
- CPU 4 cores





LtAP

- Three SIM and two miniPCIe slots
- GPS (GNSS), built-in 2.4GHz WiFi, multiple power sources, USB, console
- SMA connector for GPS
- Optional SMA connectors for other antennas

R11e-LTE6



- Category 6 LTE modem, carrier aggregation (CA) support
- Up to 300 Mbps downlink and 50 Mbps uplink
- Can be used with any RouterOS device

LTE6 kits

LtAP



wAP ac



SXT



LHG



Cube Lite60



- Replacement for SXTsq Lite60
- Same price, 4x the distance
- Up to 800 meters (PtP)
- Up to 500 meters (PtMP)

60 GHz device family

wAP 60Gx3 AP



Wireless Wire Dish



Cube Lite60





LoRa kit

- 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 6.5 dBi omni antenna

PWR Line

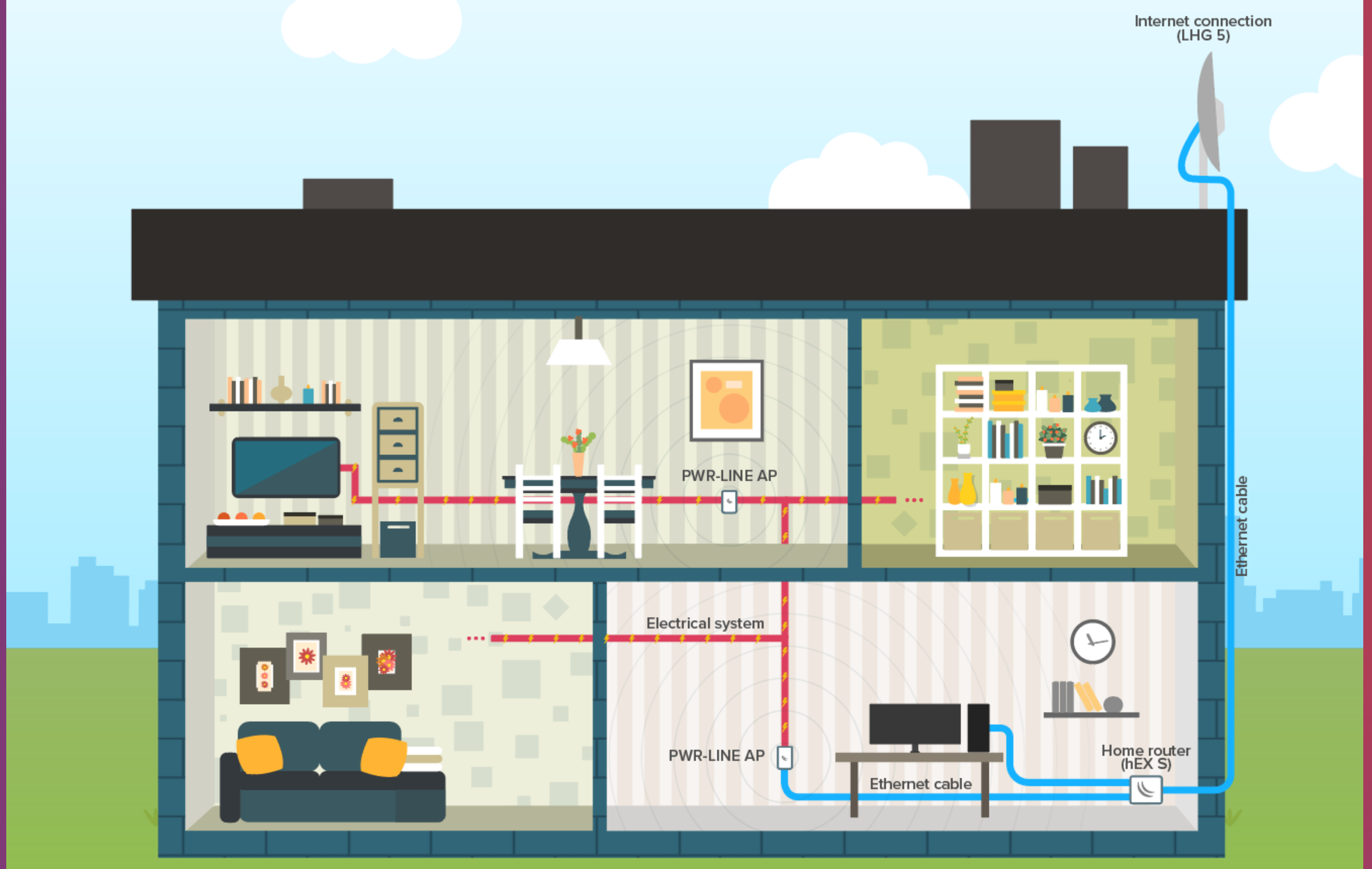


- Adds PowerLine function via microUSB
- Supported by the new hAP lite & mini and mAP family devices
- Connect to PWR Line AP or other routers over the electrical line

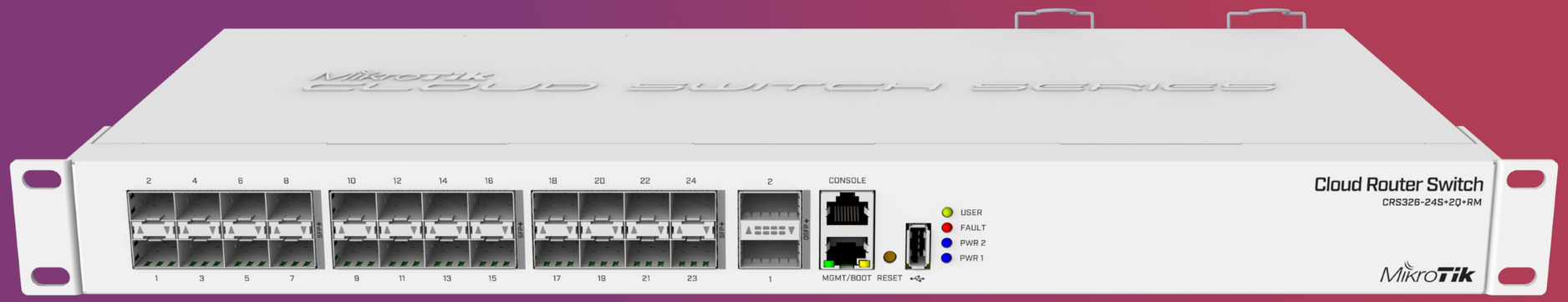
PWR Line PRO



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


Internet connection
(LHG 5)
Ethernet cable
PWR-LINE AP
Electrical system
PWR-LINE AP
Ethernet cable
Home router
(hEX S)

CRS326-24S+2Q+RM

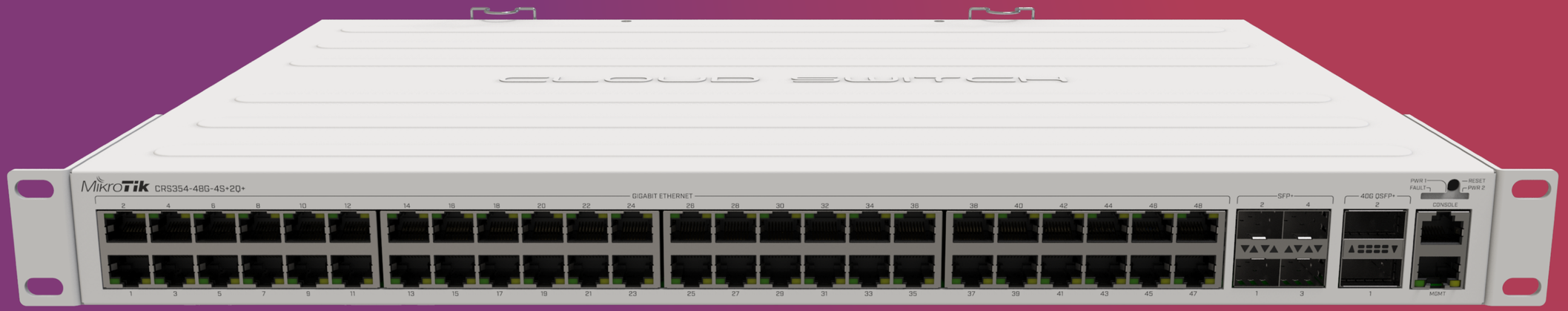


CRS326-24S+2Q+RM

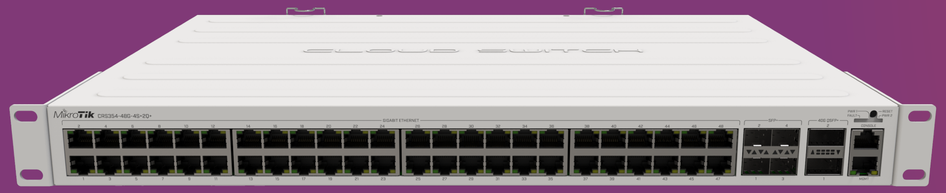


- 24x SFP+ (10G ports)
- 2x QSFP+ (40G ports)
- Console, USB
- Dual PSU

CRS354-48G-4S+2Q+RM



CRS354-48G-4S+2Q+RM



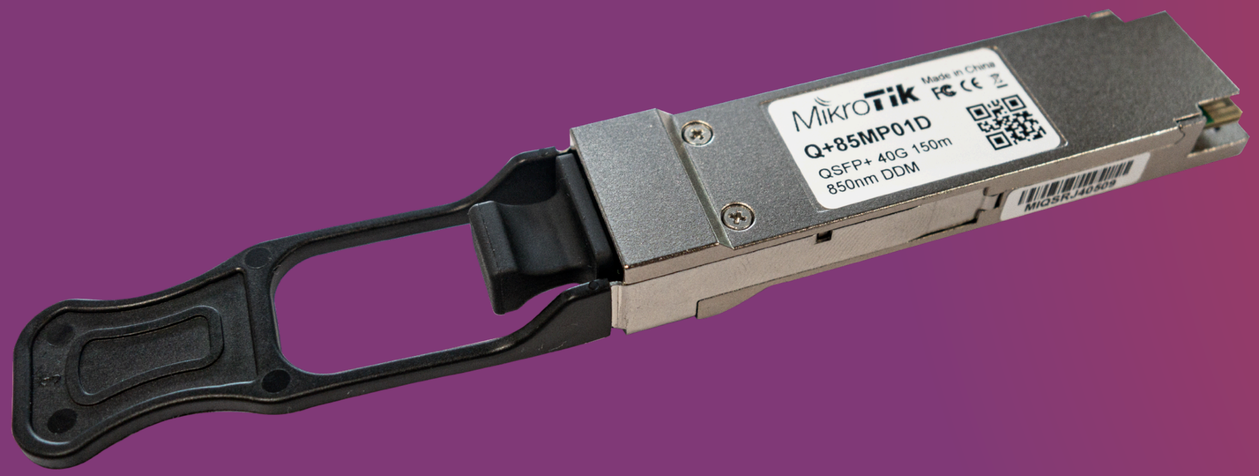
- 48x Gigabit ports
- 4x SFP+ ports
- 2x QSFP+ ports
- 48x PoE out port version - Q1 2020

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 devices
- 3 meters

Q+DA0001



- 40 Gbps to 40 Gbps
- 1 meter

CRS312-4C+8XG-RM

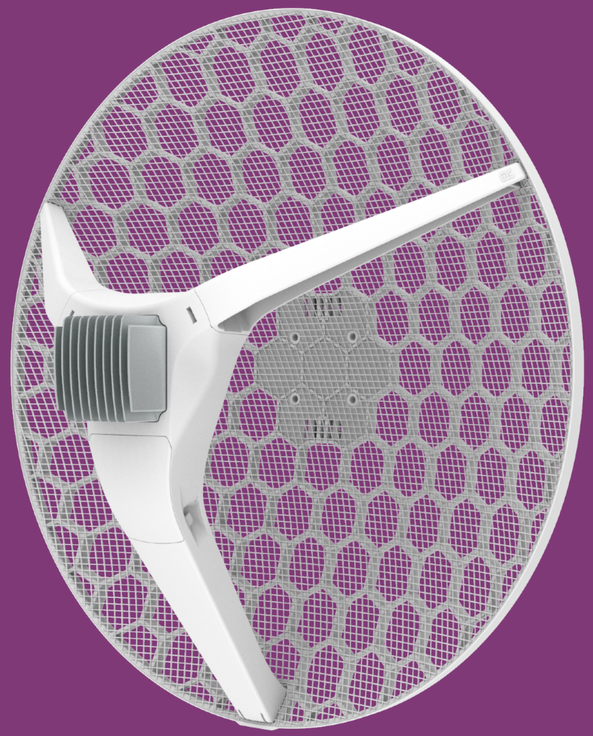


CRS312-4C+8XG-RM



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

LHG XL 52 ac



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



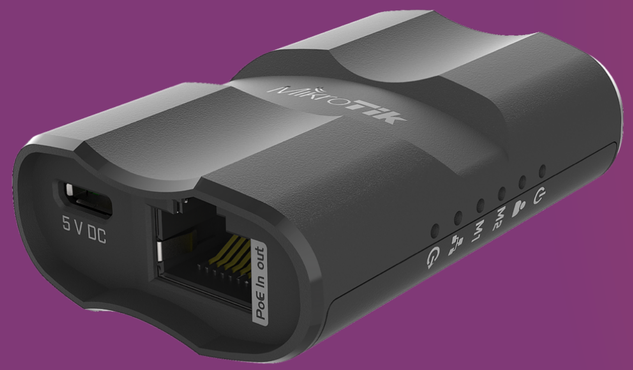
NetMetal ac²

- Now with dual-band support
- Gigabit Ethernet and SFP
- miniPCIe slot for LTE
- Tough weatherproof metal enclosure



QM-X

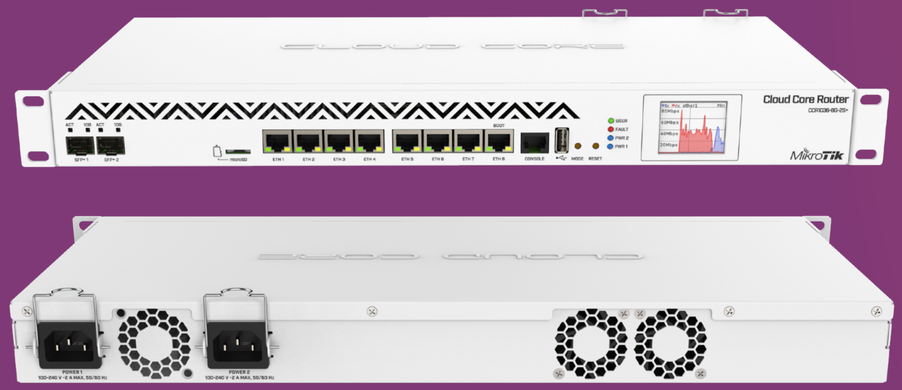
- Designed for popular SXTsq series
- Horizontal and vertical alignment



MQS

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

CCR updates



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

mUPS PRO



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

NEWS

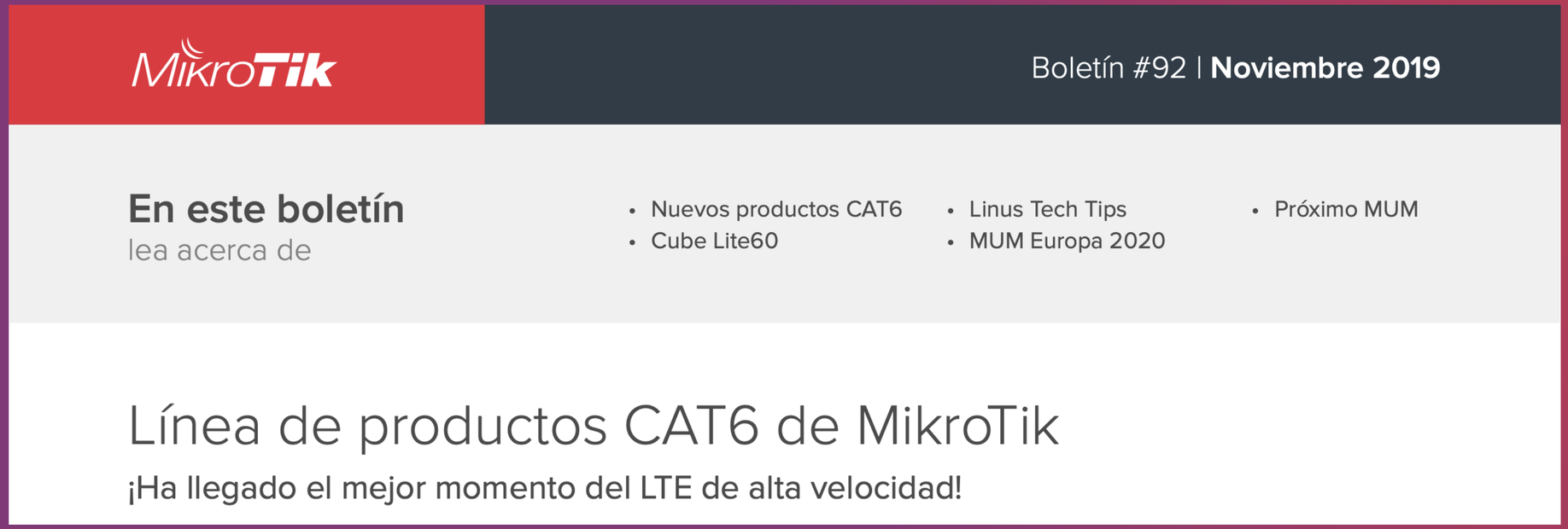
MikroTik app for mobile



Scan me



Boletín en Español


MikroTik

Boletín #92 | **Noviembre 2019**

En este boletín
lea acerca de

- Nuevos productos CAT6
- Cube Lite60
- Linus Tech Tips
- MUM Europa 2020
- Próximo MUM

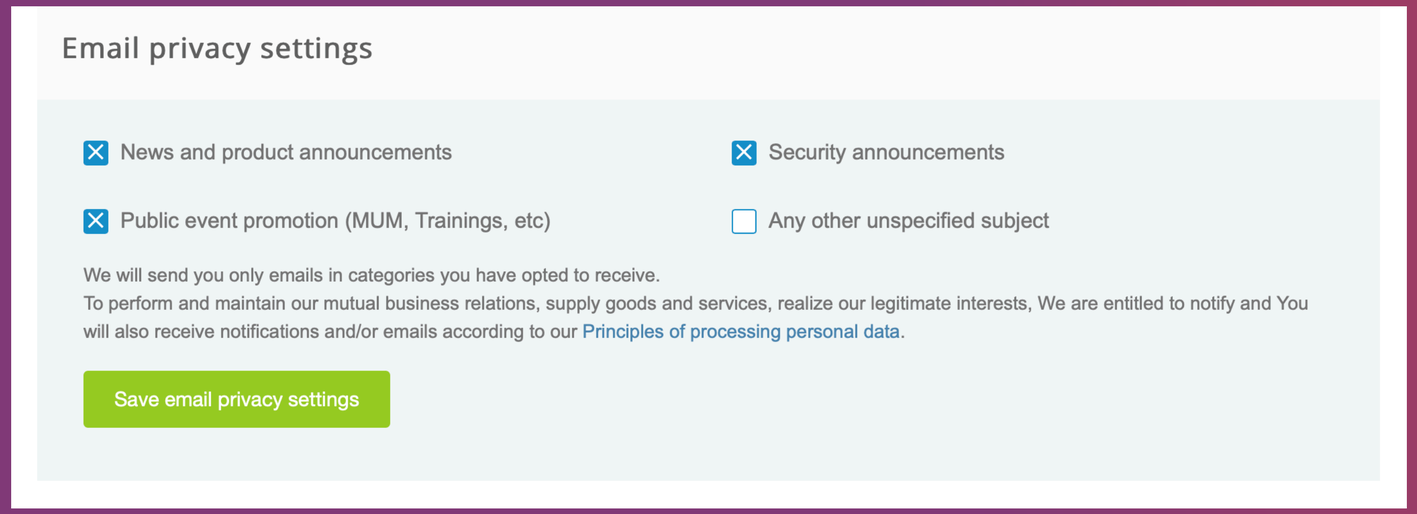
Línea de productos CAT6 de MikroTik

¡Ha llegado el mejor momento del LTE de alta velocidad!

SCAN ME

mt.lv/ESnews92

MikroTik news



- mt.lv/news
- Subscribe for the latest news

MikroTik and 5G



MikroTik RouterOS v7 Beta

- 7.0beta4 released for testing
- For 5G and other modems
- Available on MikroTik download page


MikroTik