

USA

APRIL 2019



WHAT DO WE DO?

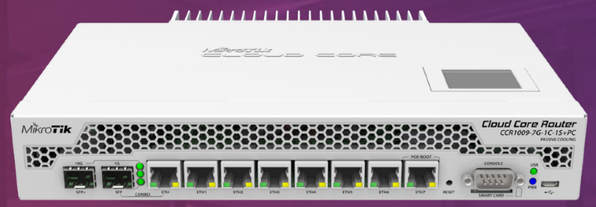

WE MAKE SOFTWARE AND HARDWARE

MORE THAN 200 PRODUCTS









HOME

OUTDOOR

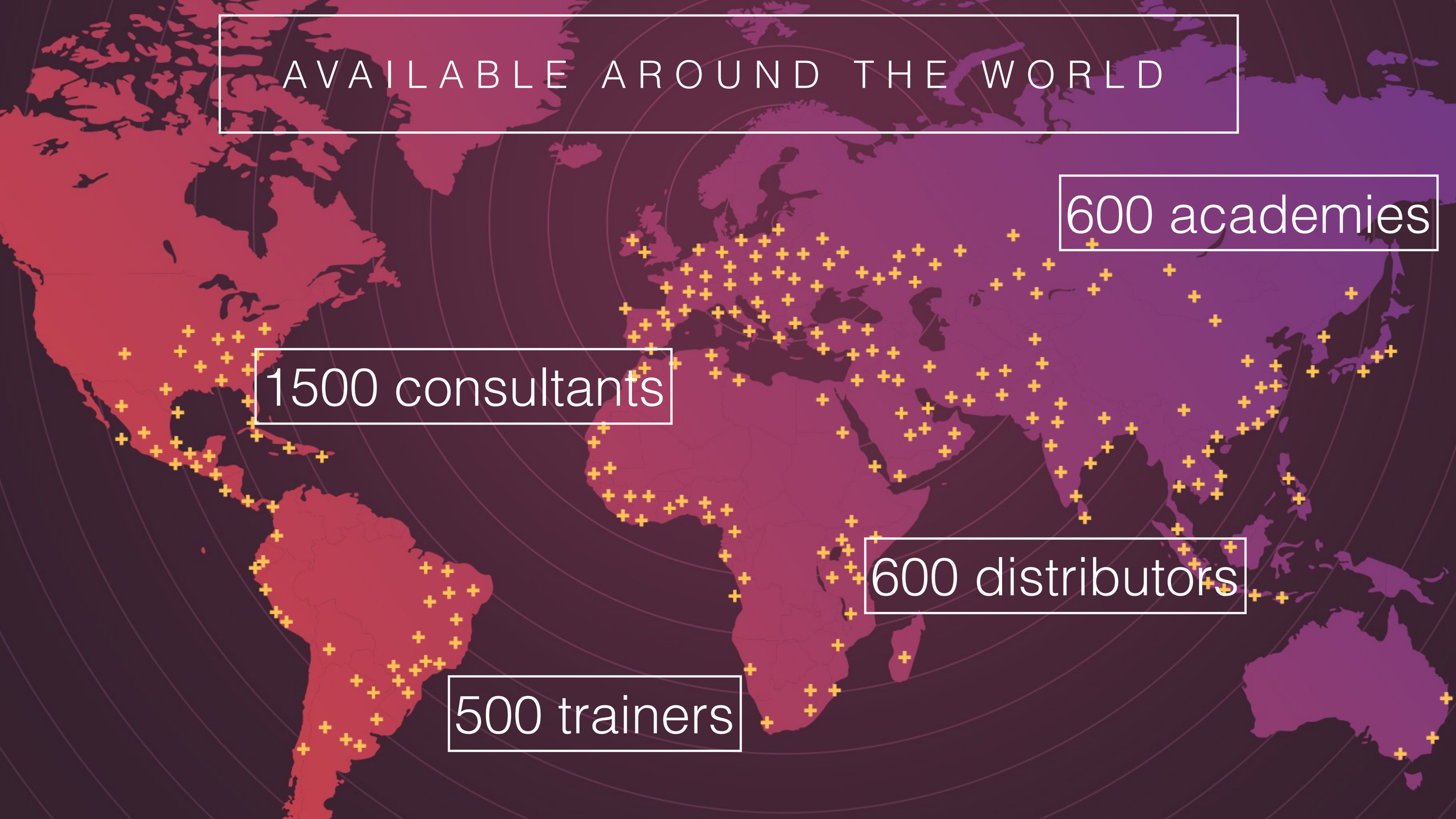
SOHO

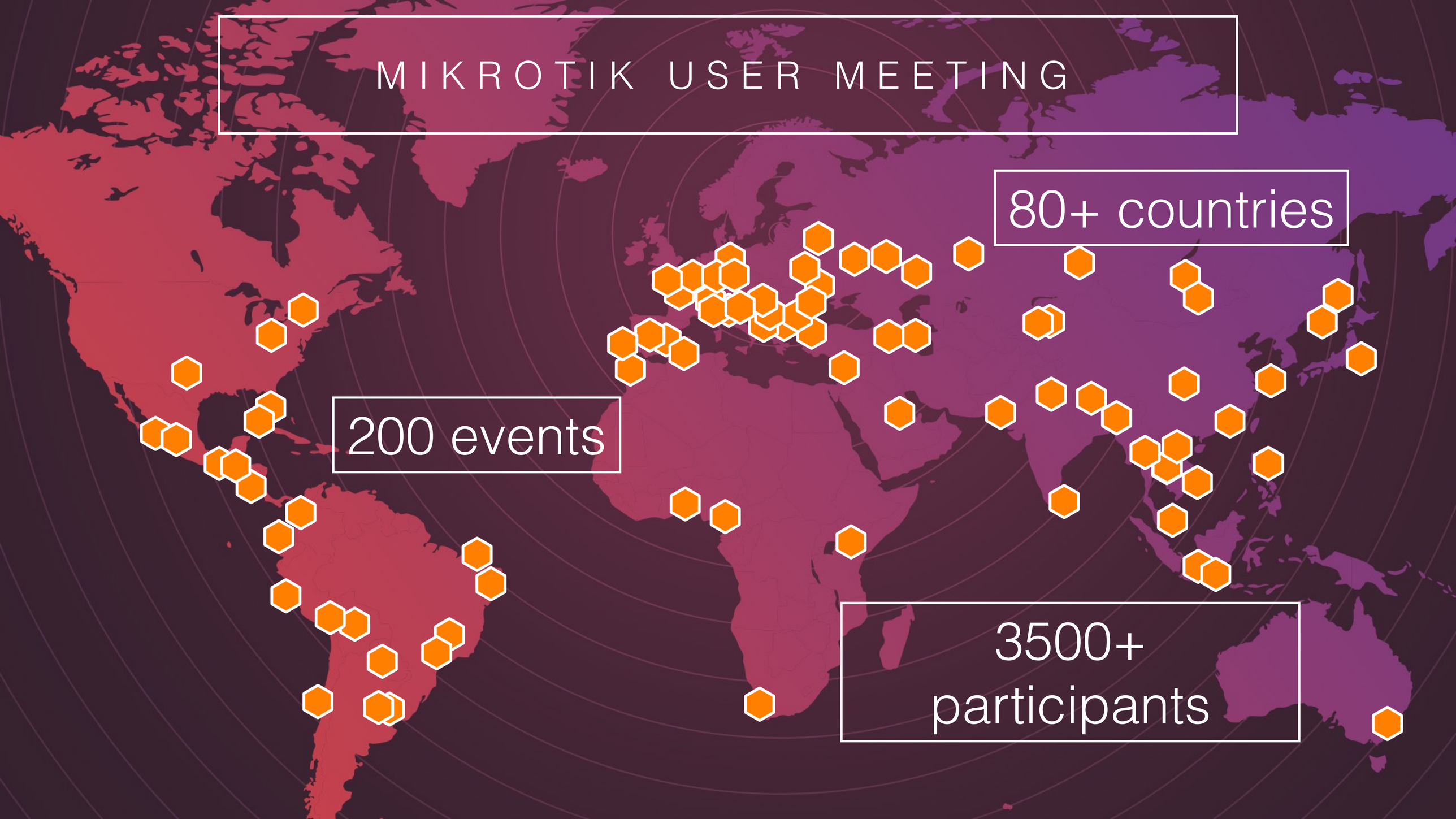
CARRIER


LATVIA



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


AVAILABLE AROUND THE WORLD
600 academies
1500 consultants
600 distributors
500 trainers


MIKROTIK USER MEETING
80+ countries
200 events
3500+
participants

MUM USA 2019

- 5 staff members from MikroTik
- Arrange a business meeting at the registration desk
- 2 full days of presentations, see **mt.lv/agenda**
- Lunch with voucher
- 24 exhibitors
- WiFi: **MUM**, password **“mikrotik”**


LIVESTREAM
youtube.com/mikrotik

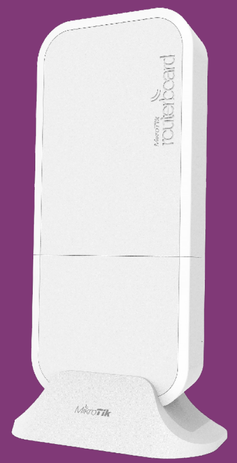
SPECIAL THANKS



RECENT PRODUCTS

60GHz device family

wAP60Gx3 AP



Wireless Wire Dish



SXTsq Lite60



LHG Lite60



4G kits

LtAP mini



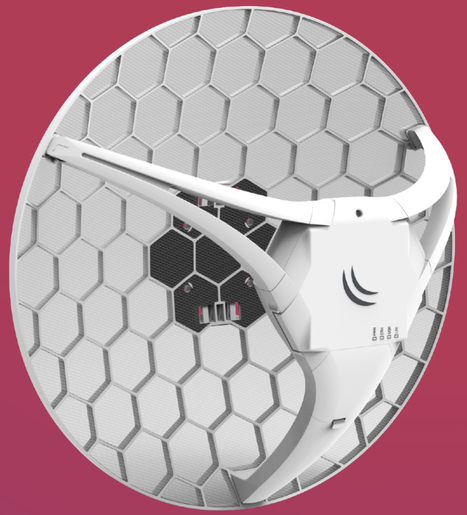
wAP



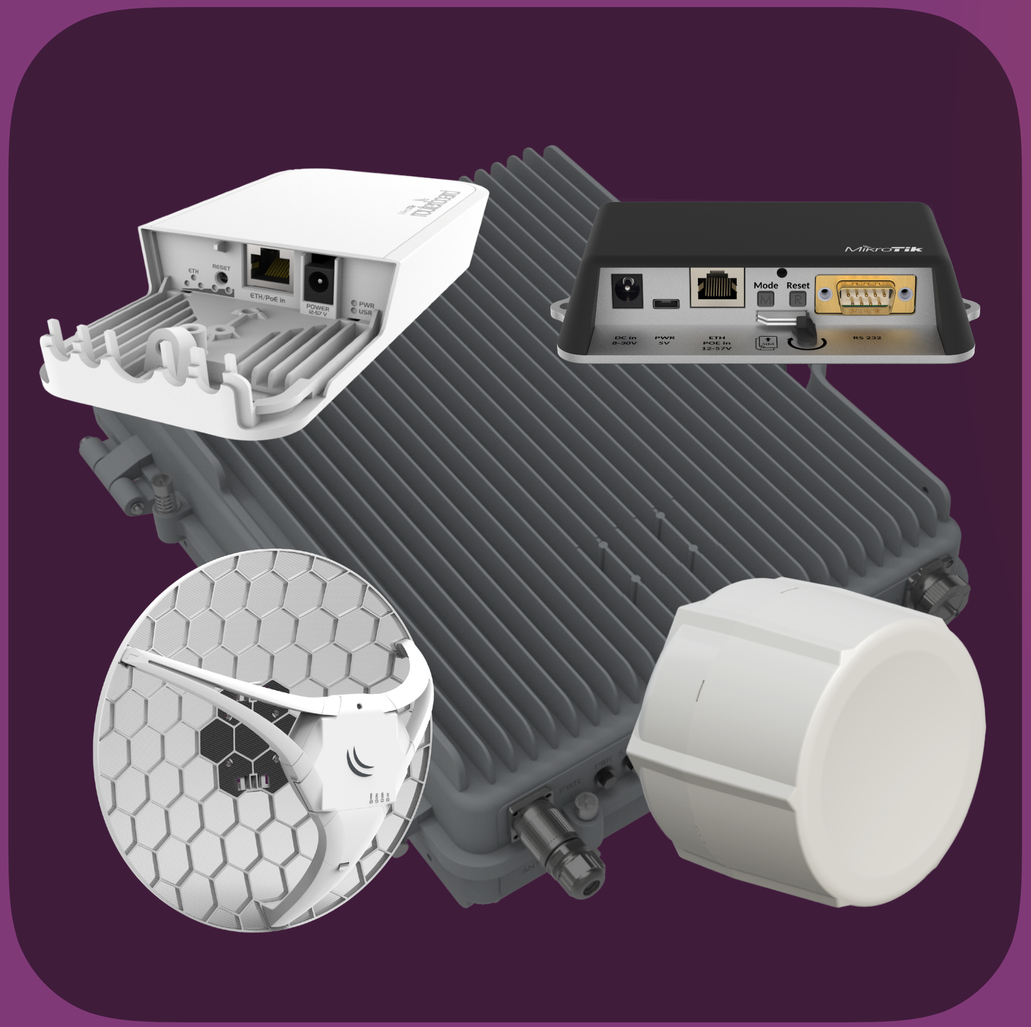
SXT



LHG



InterCell - LTE base station



- LTE base station for WISPs or mobile operators
- LTE bands 38 and 39 (4 models)
- Up to 192 clients
- Can use together with MikroTik LTE CPE’s

RouterBOARD 4011



RouterBOARD 4011



- 2 chains for 2 GHz, 802.11 b/g/n
- 4 chains for 5 GHz, 802.11 a/n/ac
- 160 MHz channel width
- 1733 Mbps + 300 Mbps data rates

RouterBOARD 4011



- 4 Core Cortex A15 CPU
- 10 Gigabit SFP+
- IPsec hardware encryption
- 1 GB RAM
- PoE out

RouterBOARD 4011



PWR Line AP

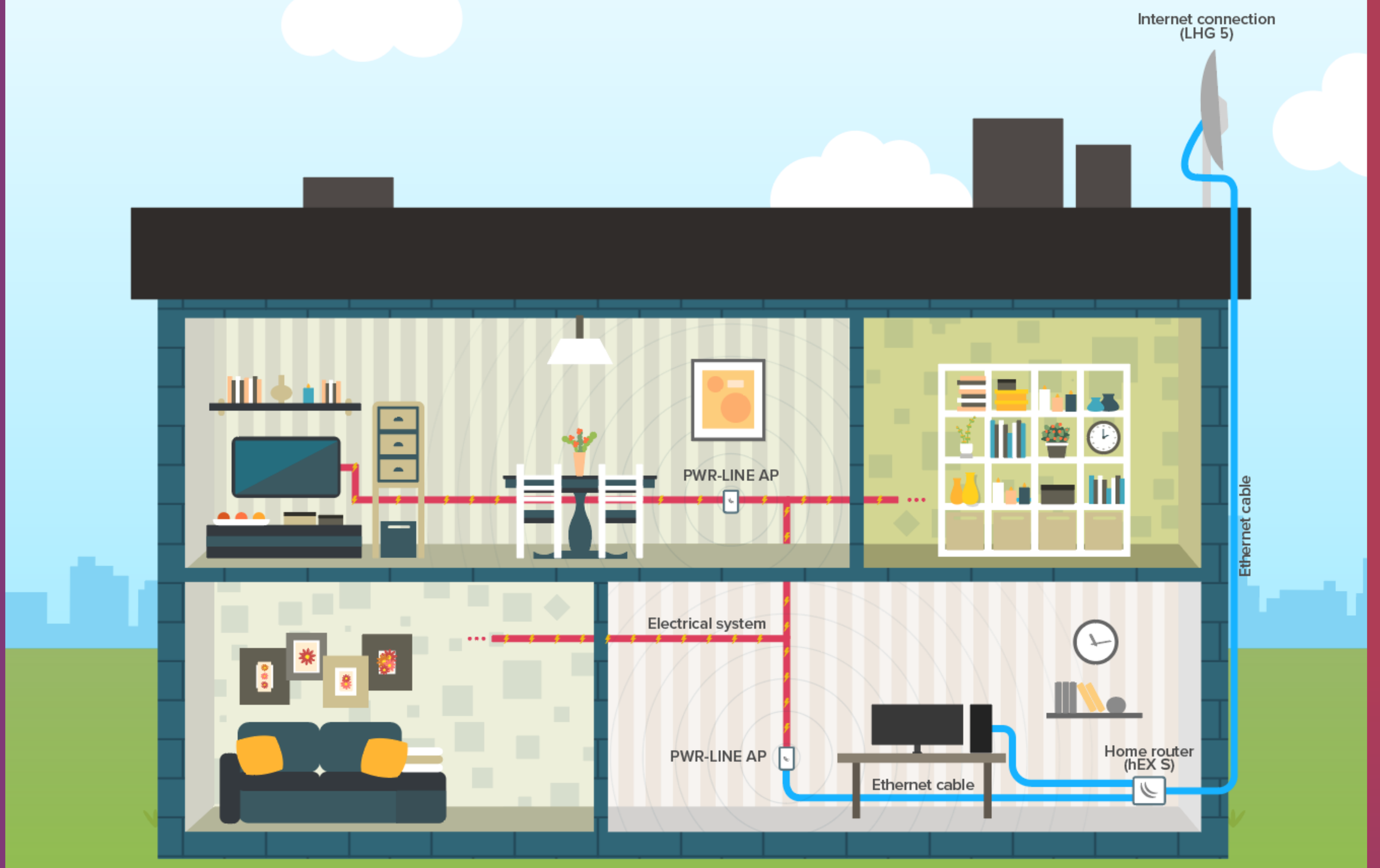


- Small AP that directly plugs into a socket
- Makes 100 Mbps links with others like it
- Build WiFi network without special cabling

PWR Line AP



- Automatically pairs with new devices
- Uses HomePlug AV standard

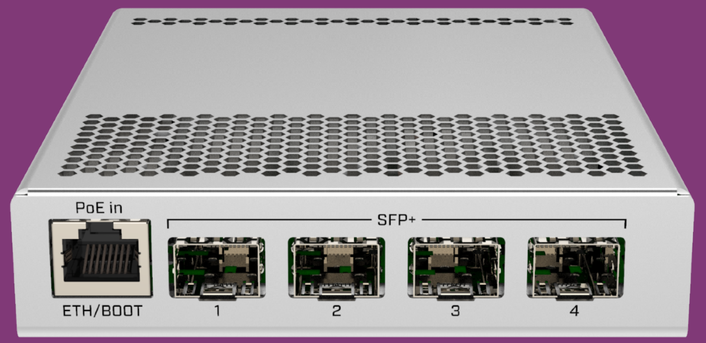

Internet connection
(LHG 5)
Ethernet cable
PWR-LINE AP
Electrical system
PWR-LINE AP
Ethernet cable
Home router
(hEX S)

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

CRS305-1G-4S+IN





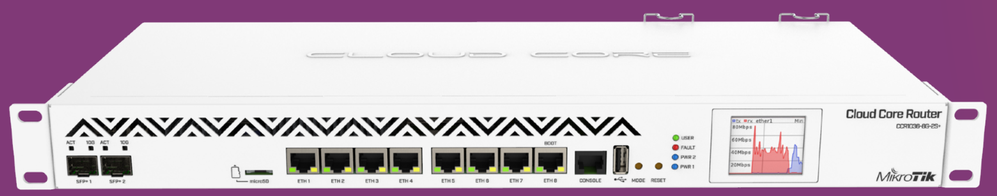
- 4x SFP+ ports
- 1x Gigabit Ethernet
- Dual boot: RouterOS / SwOS
- Metallic enclosure, silent
- Dual DC jacks

CRS309-1G-8S+PC



- 8x SFP+ ports
- 1x Gigabit Ethernet
- Dual boot: RouterOS / SwOS
- Passive cooling case, silent
- Redundant power using PoE

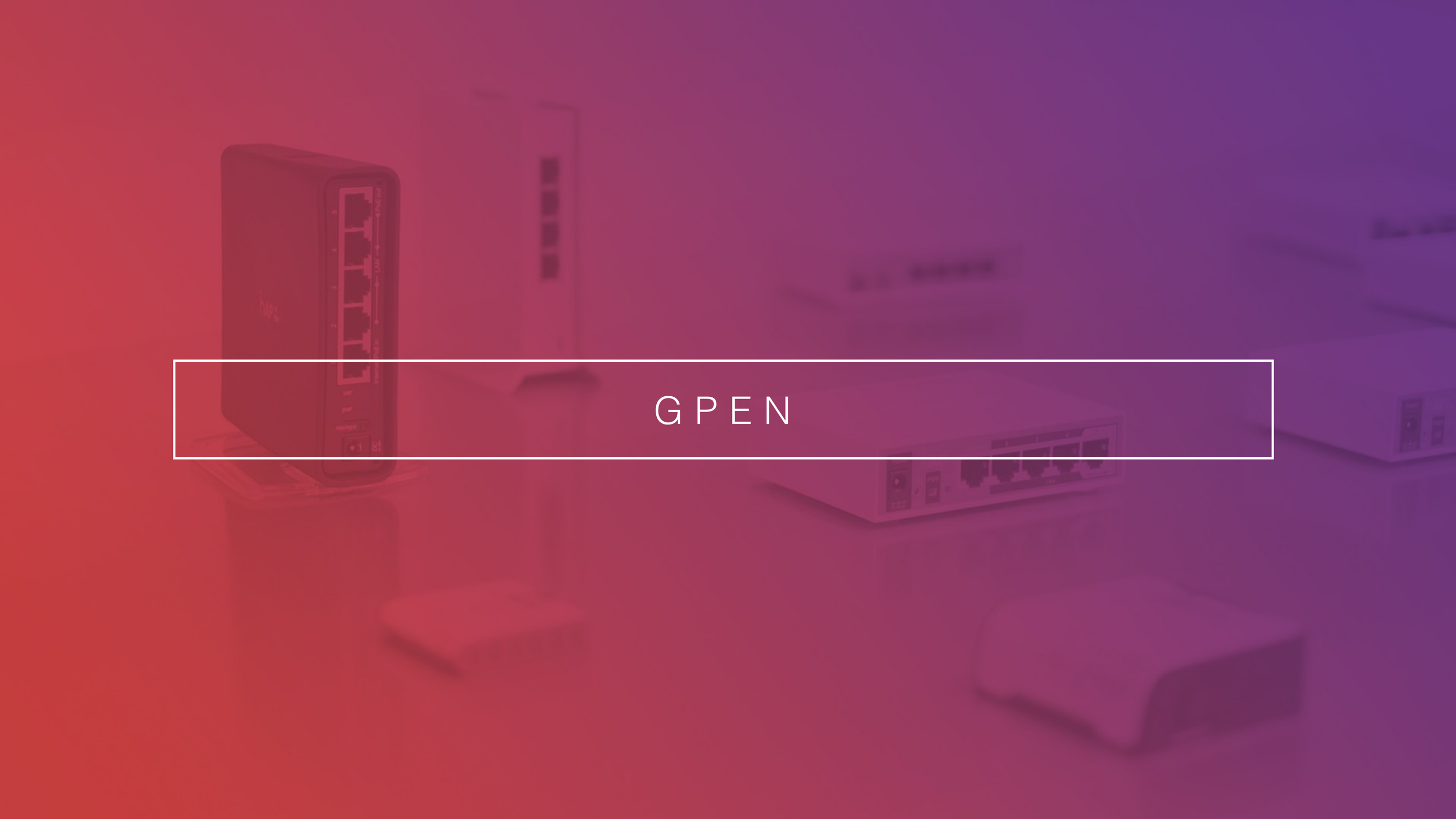
CCR1036 and CCR1016

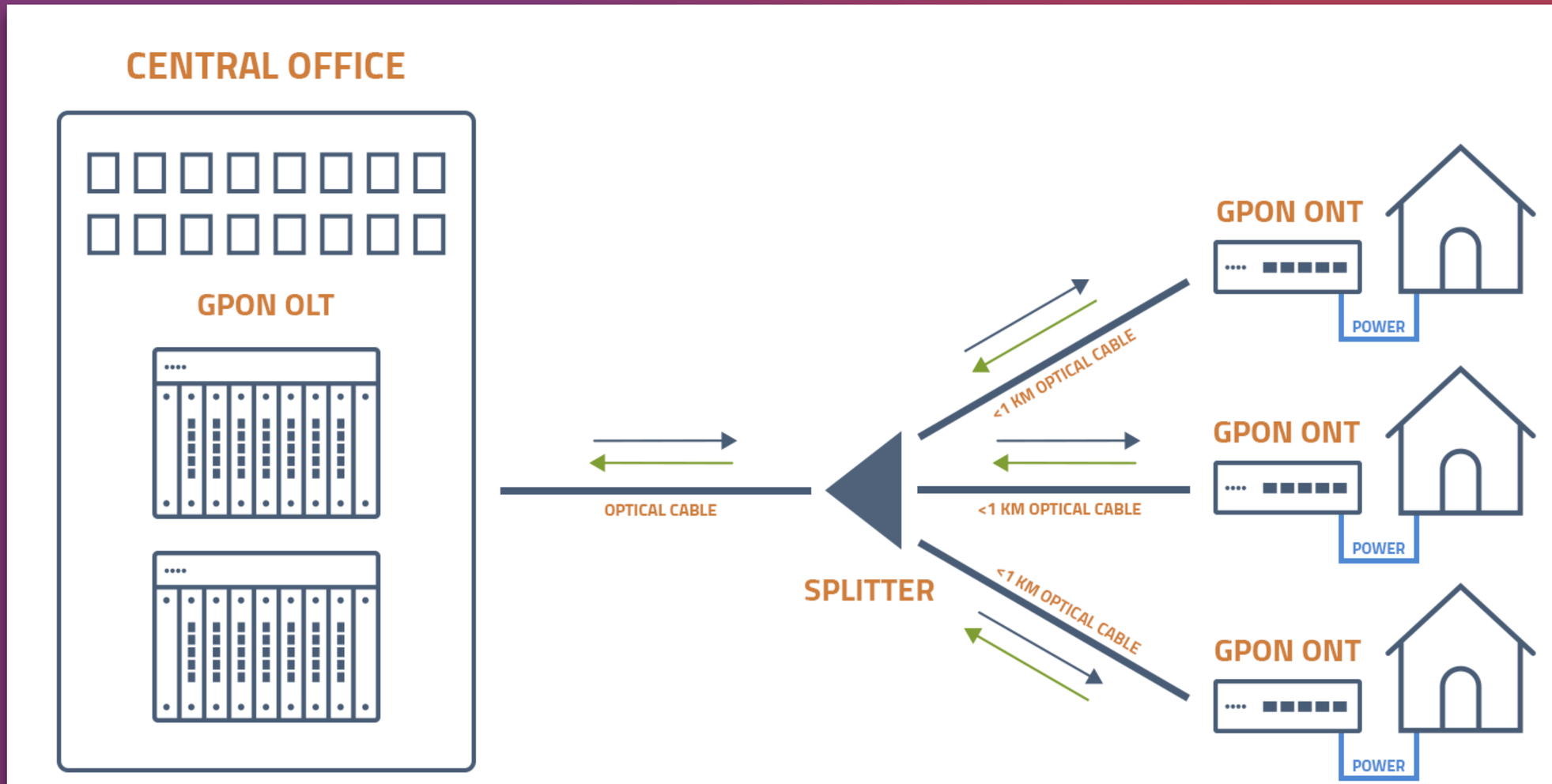


- All CCR in these series now will have dual PSU for redundancy
- Full size USB port
- Improved PSU design. Optional 48 V PSU available separately
- CCR1036-8G-2S+; CCR1036-12G-4S; CCR1016-12G; CCR1016-12S-1S+

UPCOMING PRODUCTS

GPEN



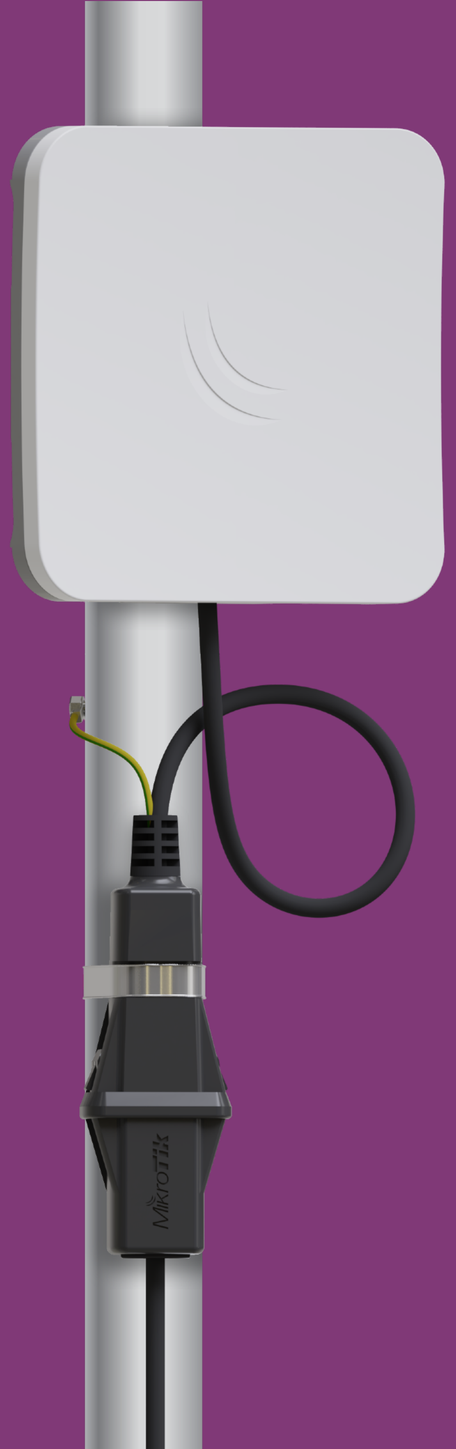

CENTRAL OFFICE
GPON OLT
OPTICAL CABLE
SPLITTER
<1 KM OPTICAL CABLE
<1 KM OPTICAL CABLE
<1 KM OPTICAL CABLE
GPON ONT
POWER
GPON ONT
POWER
GPON ONT
POWER

GIGABIT PASSIVE ETHERNET NETWORK

GPER



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



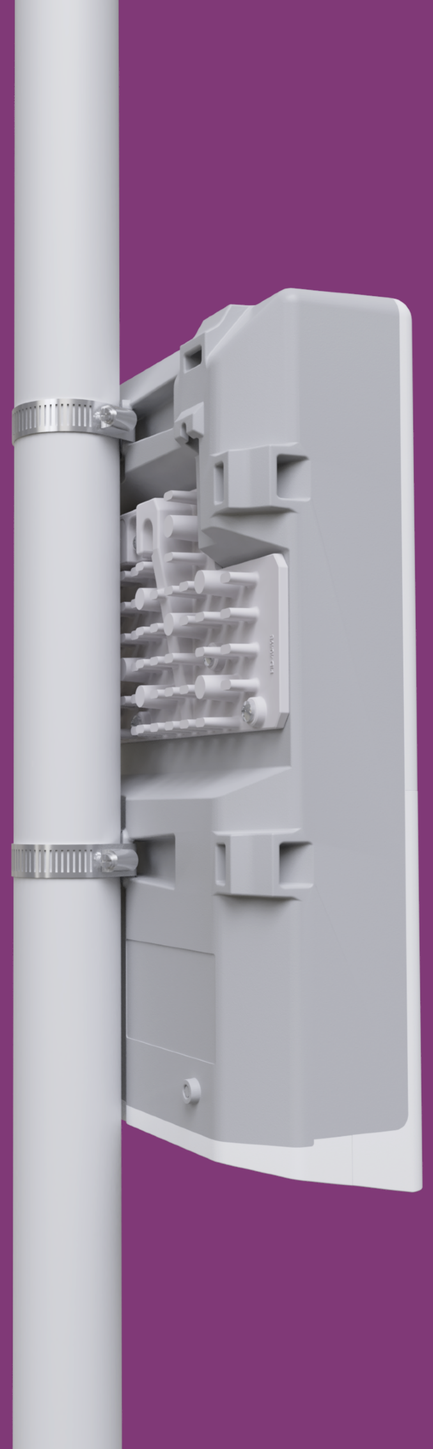
GESP

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



GPEN

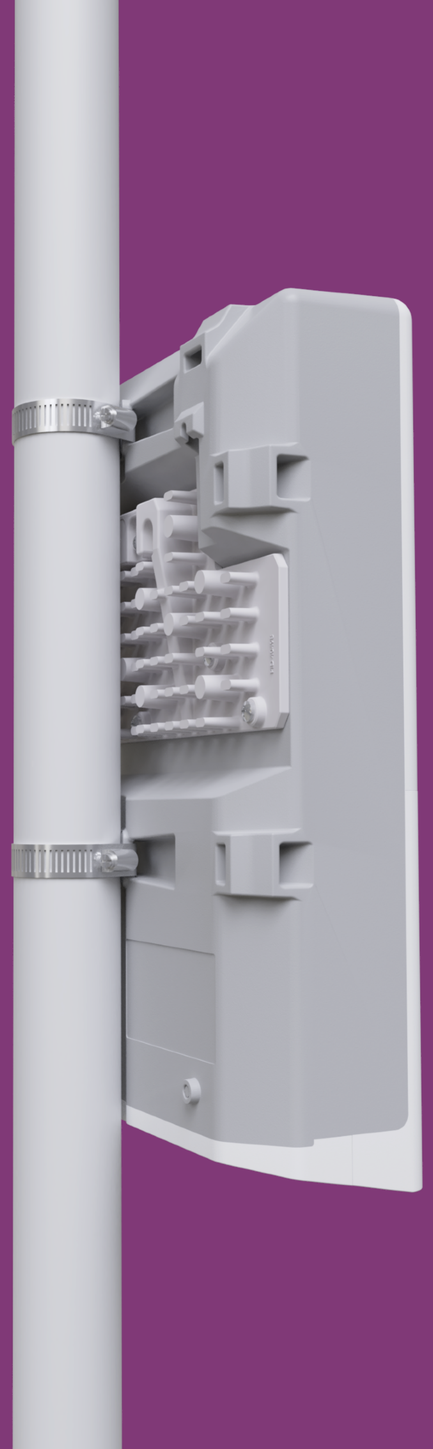
- Gigabit passive Ethernet network
- GPEN11 - PoE injector, can be mounted securely
- GPEN21 - smart injector, also adds SFP for fiber to copper functionality



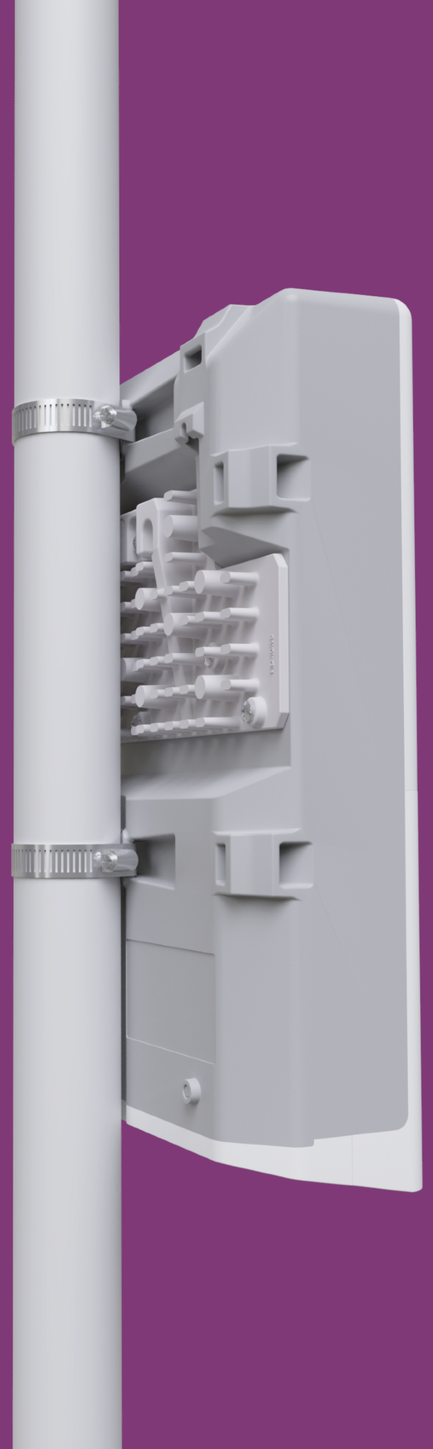
CRS318-16Fi-2S

- 16 Ethernet ports and 2xSFP uplinks
- Reverse PoE (PoE in) on 15x ports
- Very affordable pricing
- PoE out on single port

CRS318-16P-2S+

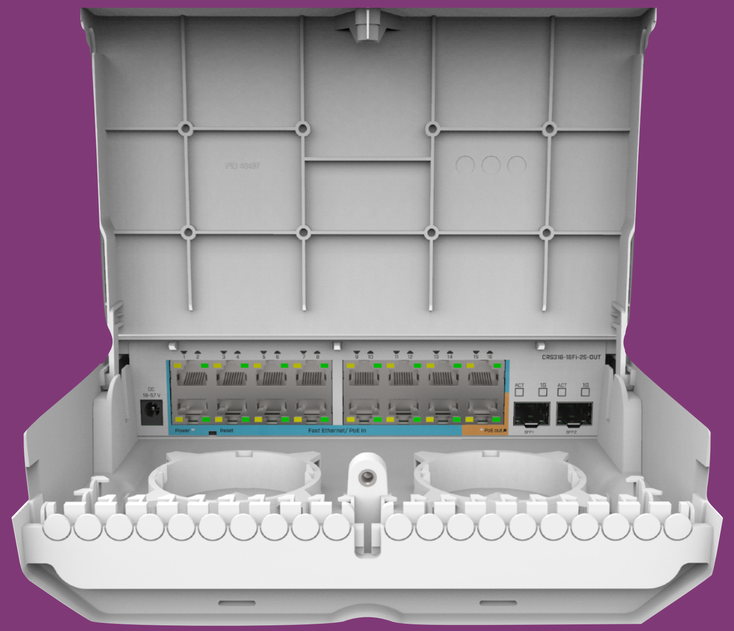


- 16 Gigabit Ethernet ports
- 2x SFP+ uplinks

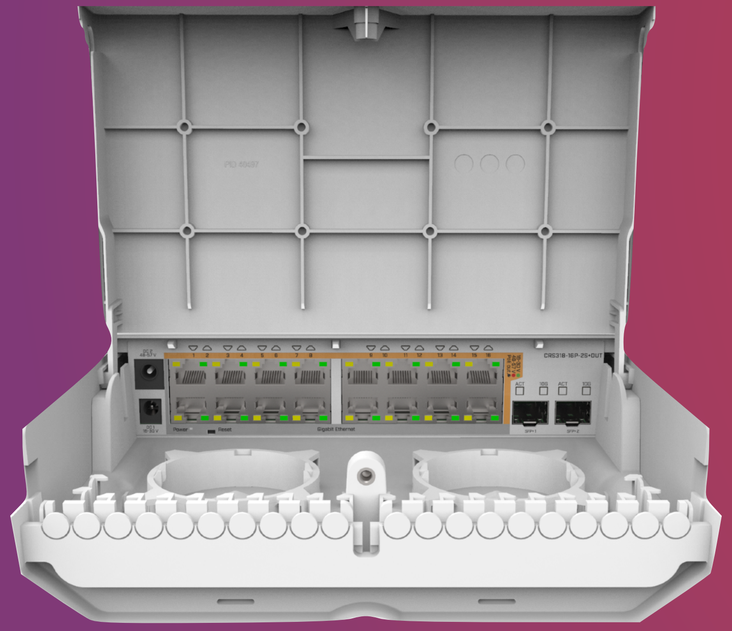


CSS610-8P-2S+

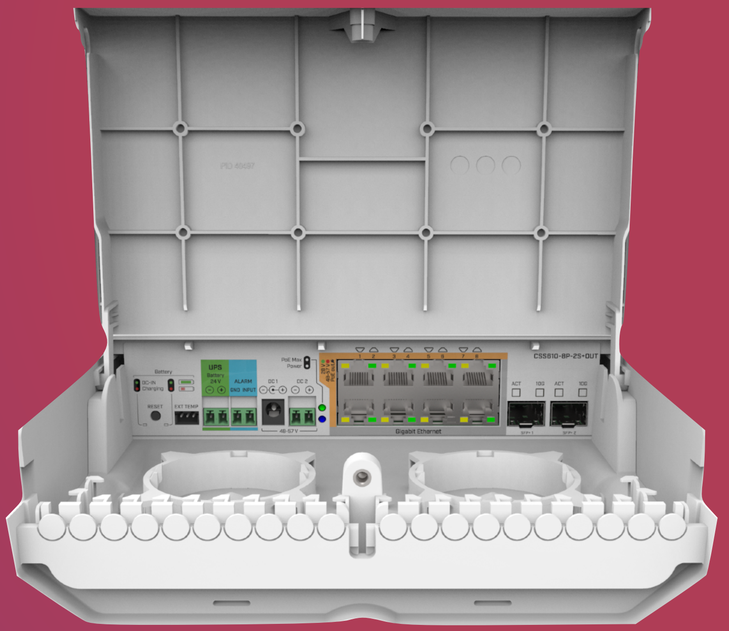
- SwOS only
- 8 Ethernet ports with PoE out and 2x SFP+ uplinks
- Very affordable pricing
- Will have built in UPS battery support



CRS318-16Fi-2S-OUT



CRS318-16P-2S+OUT



CSS610-8P-2S+OUT

CENTRAL OFFICE

REGULAR NETWORK



ETHERNET / OPTICAL CABLE / WIRELESS

CRS318

GPER

<1,5 KM ETHERNET

GPER

<1,5 KM ETHERNET

<1,5 KM ETHERNET

GPER

GPEN

POWER

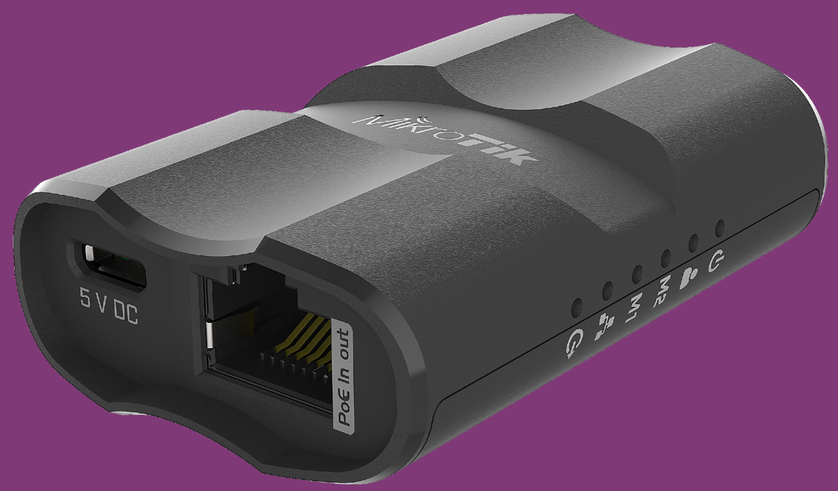
GPEN

POWER

GPEN

POWER

MQS



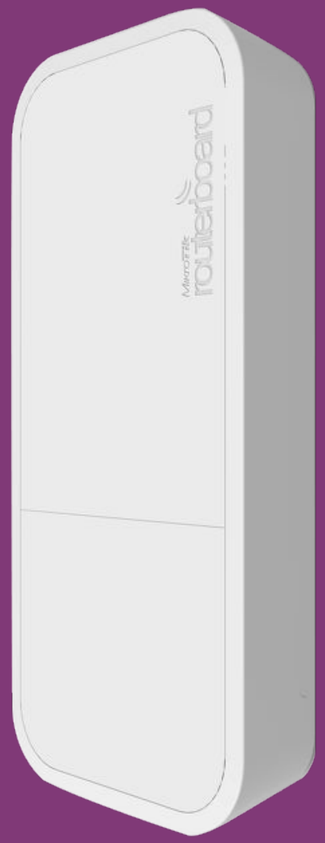
- Mobile quick setup
- Administrators friend
- Manage Ethernet only devices from your phone over WiFi
- Can be powered from power bank
- Itself can power an SXT with PoE



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

mUPS pro



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

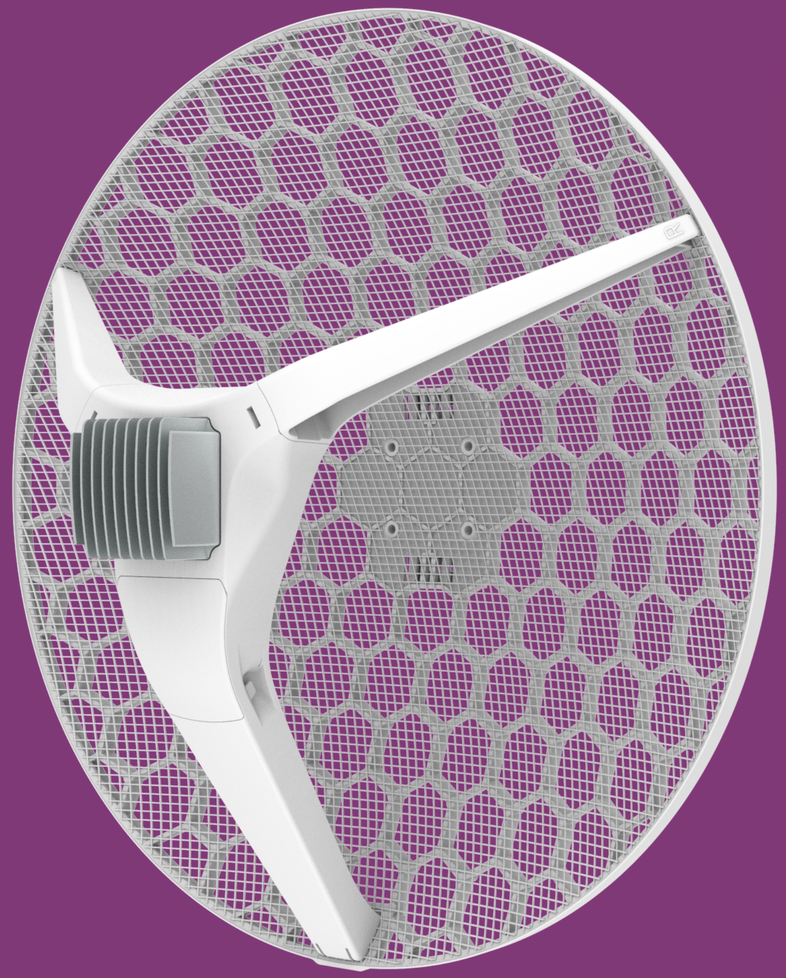




LtAP

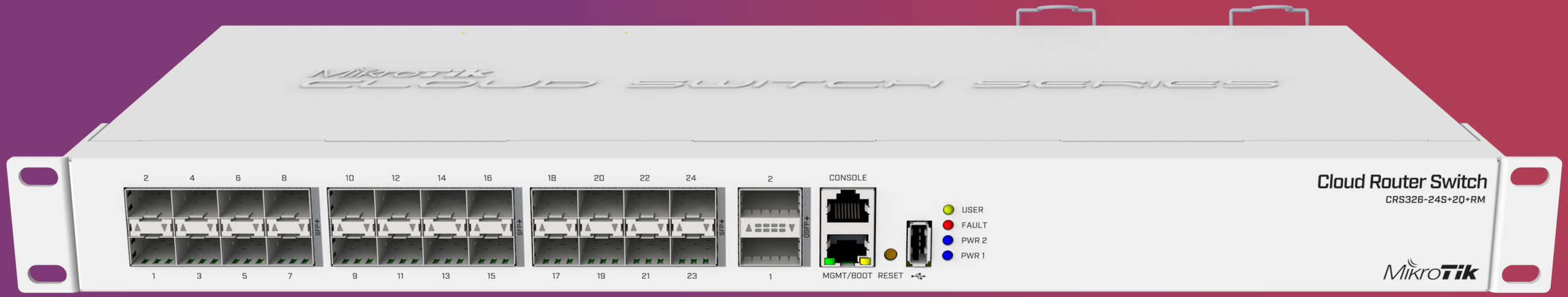
- Still coming, soon, promise!
- Three SIM slots, two miniPCIe
- GPS (GNSS), built-in WiFi, multiple power sources, USB, console, SMA connectors

LHG XL HP



- Simultaneous dual band router
- Gigabit Ethernet and SFP
- Use for failover or higher throughput
- High gain and output power

CRS326-24S+2Q+

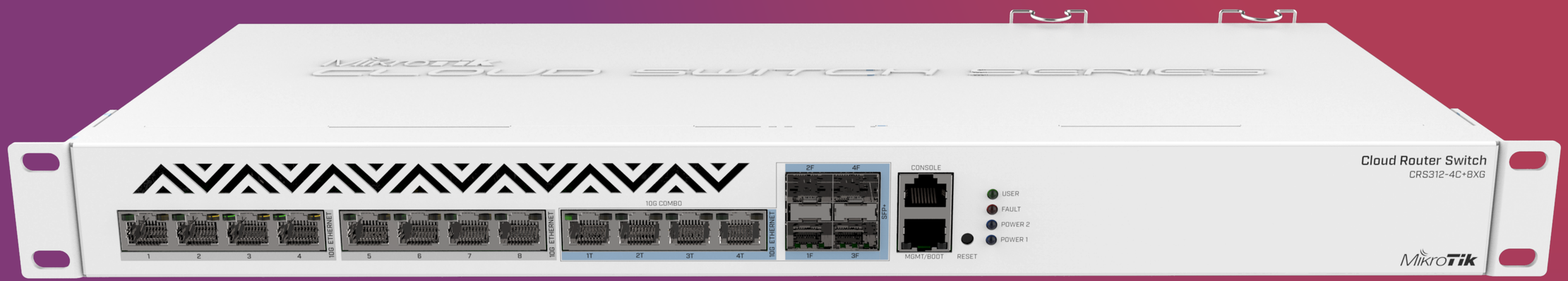


CRS326-24S+2Q+



- 24x SFP+ (10G ports)
- 2x QSFP+ (40G ports)
- Previously announced as CRS332-32S+
- Will be available in Q3 2019

CRS312-4C+8XG

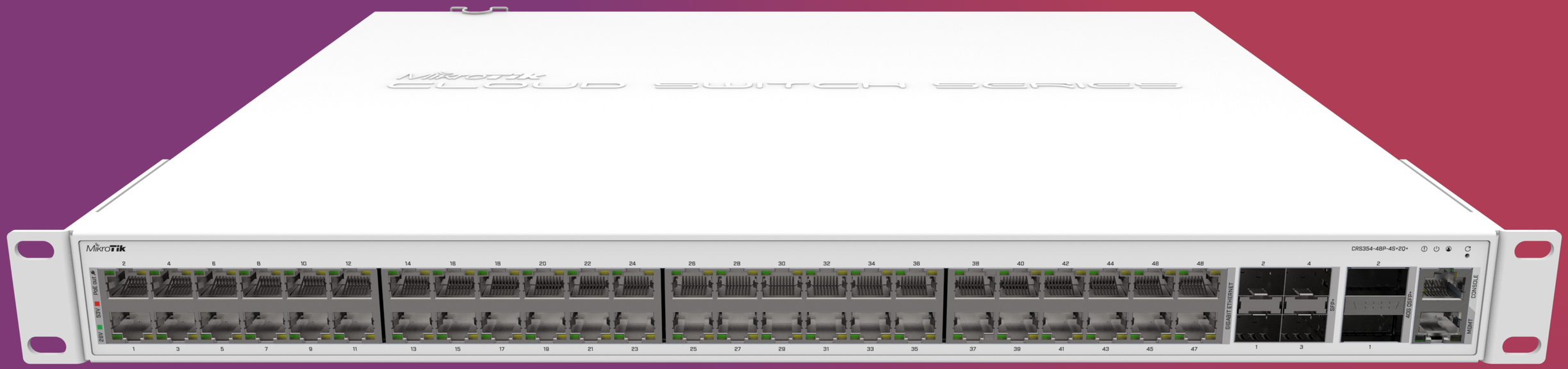


CRS312-4C+8XG

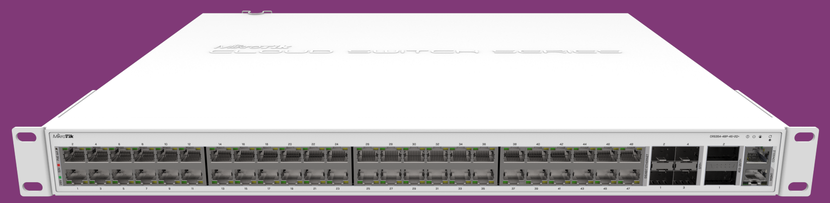


- 8x 10G Ethernet ports
- 4x 10G Ethernet / 10G SFP+ combo ports
- Console and management ports
- Dual PSU
- Will be available in Q2 2019

CRS354-48G-4S+2Q+



CRS354-48G-4S+2Q+



- 48x Gigabit ports
- 4x SFP+ ports
- 2x QSFP+ ports
- 48x PoE out port version
- Expected Q4 2019


AUDIENCE


AUDIENCE

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

MikroTik app for iOS / Android



Scan me




MikroTik