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## CRS354-48P-4S+2Q+RM

[View online](#)

**\$ 899**

Power all your devices while having the strongest performance – this 48 port PoE+ switch will rock any setup, including 40 Gbps devices!



If you are looking for a single switch that will put your network setup ahead of the curve and power all the necessary devices – look no further! The new CRS354-48P-4S+2Q+RM is an effective and adaptable rackmount solution for managing networks in the most demanding environments. Unlike many other switches out there, our products are made with the system administrator in mind.

High-end performance with PoE-out for the masses: more 10G ports and even 40G ports, because **speed matters**

This powerful switch has 48 x 1G RJ45 ports and 4 x 10G SFP+ ports. There are also 2 x 40G QSFP+ ports for extremely fast fiber connections or linking with other 40 Gbps devices. All 48 Ethernet ports offer different power output options: Passive PoE, low voltage PoE, 802.3af/at (Type 1 “PoE” / Type 2 “PoE+”) with auto-sensing, making this switch the easiest solution to power even the largest setups. We have included a mighty power supply that can provide 750 W of power – this switch can handle a lot. And there is a special bracket for easy cable management.

The 48 port champion you’ve been waiting for – this is the bargain of the decade! Now with PoE-out!

CRS354-48P-4S+2Q+RM is extremely functional, and it has the best price-point on the market – it will make the perfect addition to a professional setup. The total non-blocking throughput is 168 Gbps, switching capacity is 336 Gbps and the forwarding rate reaches 235 Mpps.

## netPower 15FR

An outdoor 18 port switch with 15 reverse PoE ports and SFP  
Cut costs, not speed – choose GPEN over GPON!

With netPower 15FR switch you can forget about expensive GPON base stations and optical splitters. This switch is a part of our GPEN concept – aimed to bring the speed and versatility of fiber networking while using the advantages of Ethernet. It is an easy to deploy, low-cost way for any ISP to deliver the Internet to individual apartments.

You don't have to worry about power options in the attic or the utility room – netPower 15FR has 15 reverse PoE ports. Depending on your setup, netPower can draw the necessary power even from a single client! Another Ethernet port has PoE-out – you can use it to power an aggregate link such as our Wireless Wire Dish or a security camera, for example.

[View online](#)**\$ 149**

## netPower 15FR – bringing the cost down and the speed up!

netPower 15FR has a non-blocking throughput of 3.6 Gbps, switching capacity of 7.2 Gbps and forwarding rate of 5.4 Mpps.



There are two SFP ports for fiber connectivity. The outdoor enclosure allows you to install this switch in all kinds of environments – from damp attics to elevator shafts and different poles with hose clamps.



## GPEN (Gigabit Passive Ethernet Network) Concept

[View PDF](#)

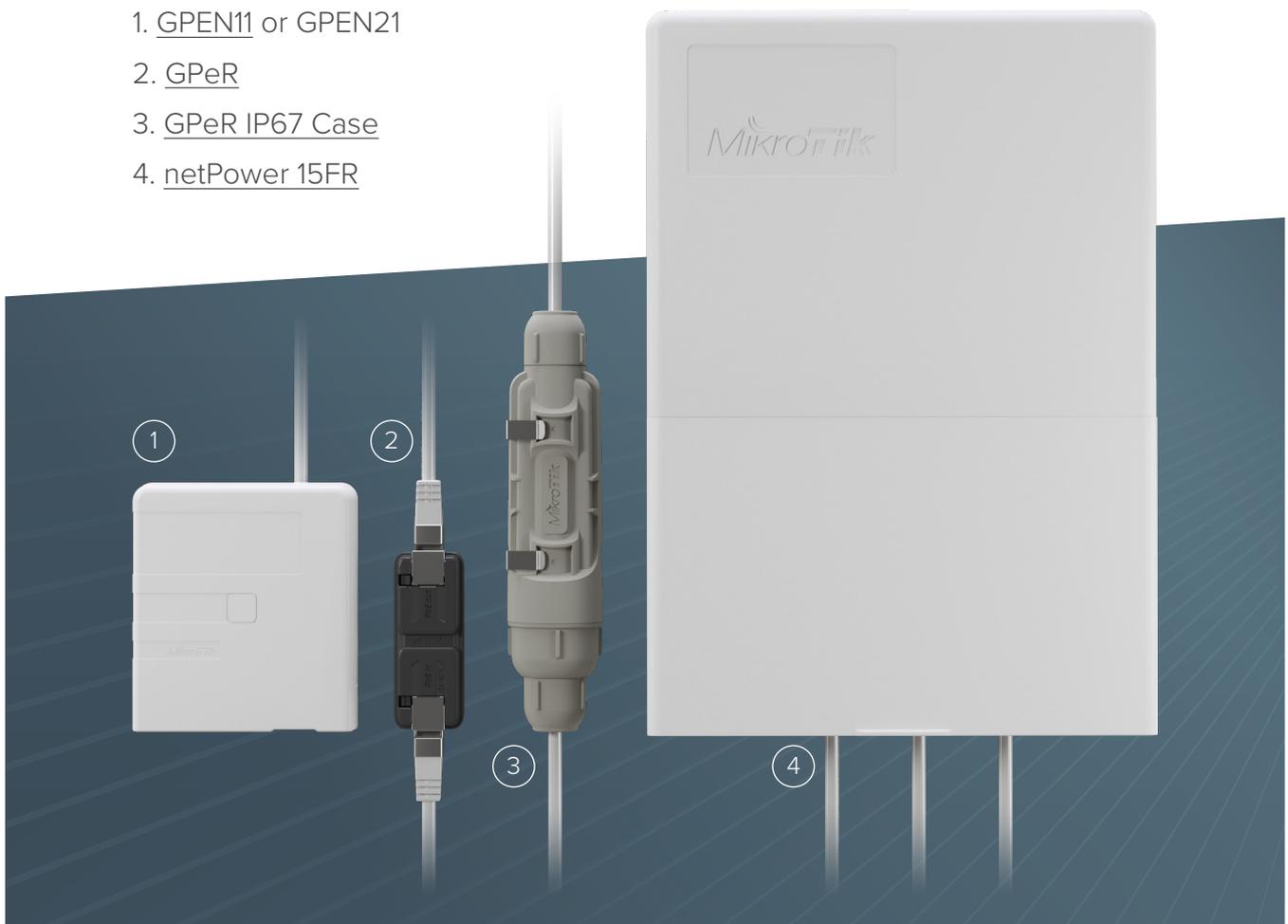
MikroTik GPEN concept can replace any existing or future GPON solution. It provides all the benefits of GPON, but utilizes well-proven, simple and inexpensive Ethernet solutions.

**/** GPEN doesn't require expensive GPON OLT equipment in your server rooms, just a regular switch port!

Similar to GPON, GPEN solution will require clients to provide power, but instead of powering GPON's ONT device, power will be used for extending the Ethernet cable (with our GPeR devices) and powering the netPower device. That is the GPEN analogue of GPON passive optical splitters – netPower provides additional functionality and possibilities.

And the best part of this technology – it gives you all the flexibility for a fraction of the price. You can connect netPower to your server room by Ethernet, Active optical line or use it to power one end of point-to-point backbone wireless link. GPEN – the evolution of GPON done right!

1. [GPEN11](#) or [GPEN21](#)
2. [GPeR](#)
3. [GPeR IP67 Case](#)
4. [netPower 15FR](#)



## Chateau CAT12 - introducing the ultimate home AP with LTE support

[View online](#)
**\$ 229**

Let's face it – most of the standard issue access points can't really satisfy the extremely diverse client base – they either lack features, users want more speed and higher gain, the price is too high or they look weird. We decided to take all the aspects that are important for most home users and created a single device that will make them happy – this is the MikroTik Chateau.



It is a high-speed, dual-band home access point with CAT12 LTE – for really fast Internet anywhere, anytime. But LTE is not the only option – Chateau also features 5 x Gigabit Ethernet ports and a full size USB port.

### Built with security in mind

Not only our RouterOS software comes with robust security options, we also focus on the production security. There is no outsourcing, every device is assembled in our premises and all the components come from reputable, trusted partners – such as Qualcomm. We cooperate with European law-makers and work hard to ensure full compliance with all the necessary safety policies. MikroTik is all about smooth, long-term cooperation without surprises.



*Chateau has 4 powerful (4x4 MIMO compatible) integrated antennas, but you can connect 2 external LTE antennas (not included) for even stronger signal.*

### Perfect for busy homes

Strong dual-chain dual-band 2.4/5 GHz wireless for concurrent coverage will solve most interference issues in a crowded environment. For example, a client can simultaneously use the 2.4 GHz channel for all household mobile devices and reserve the 5 GHz channel for tasks that are sensitive to packet loss – such as streaming high-quality videos.

### Enjoy all the benefits of LTE Category 12 networking!

Reach speeds of up to **600 Mbps** with carrier aggregation, as CAT12 allows devices to use three bands at the same time. That is a huge advantage when there are a lot of LTE users in the area. Chateau LTE12 provides better responsiveness in a crowded environment and higher efficiency for weaker signal situations in the countryside. Depending on the service provider, we have seen Internet speed doubling in rural areas after switching to carrier aggregation, so there is no need to wait for cable network expansions.

## Get your very own InterCell LTE base station!

InterCell 10 B38+B39 model gives you the ability to quickly expand an existing LTE solution or even launch a new LTE mobile operator service without the usual expense, infrastructure and size requirements.

InterCell supports up to 192 LTE client devices each. This is a perfect low-cost solution for ISPs, mobile operators and other businesses that need to provide internet connectivity using LTE standard.

[View online](#)

**\$ 3500**



Order now – while it lasts, as the InterCell supply is very limited!

The units have features such as - 48 V telecom powering, a SFP port, a Gigabit Ethernet port, a built-in lightning arrester and even supports EPC, working completely stand-alone (no central network core required).



### Fully compatible with

LTE products



wAP LTE kit



LtAP mini LTE kit



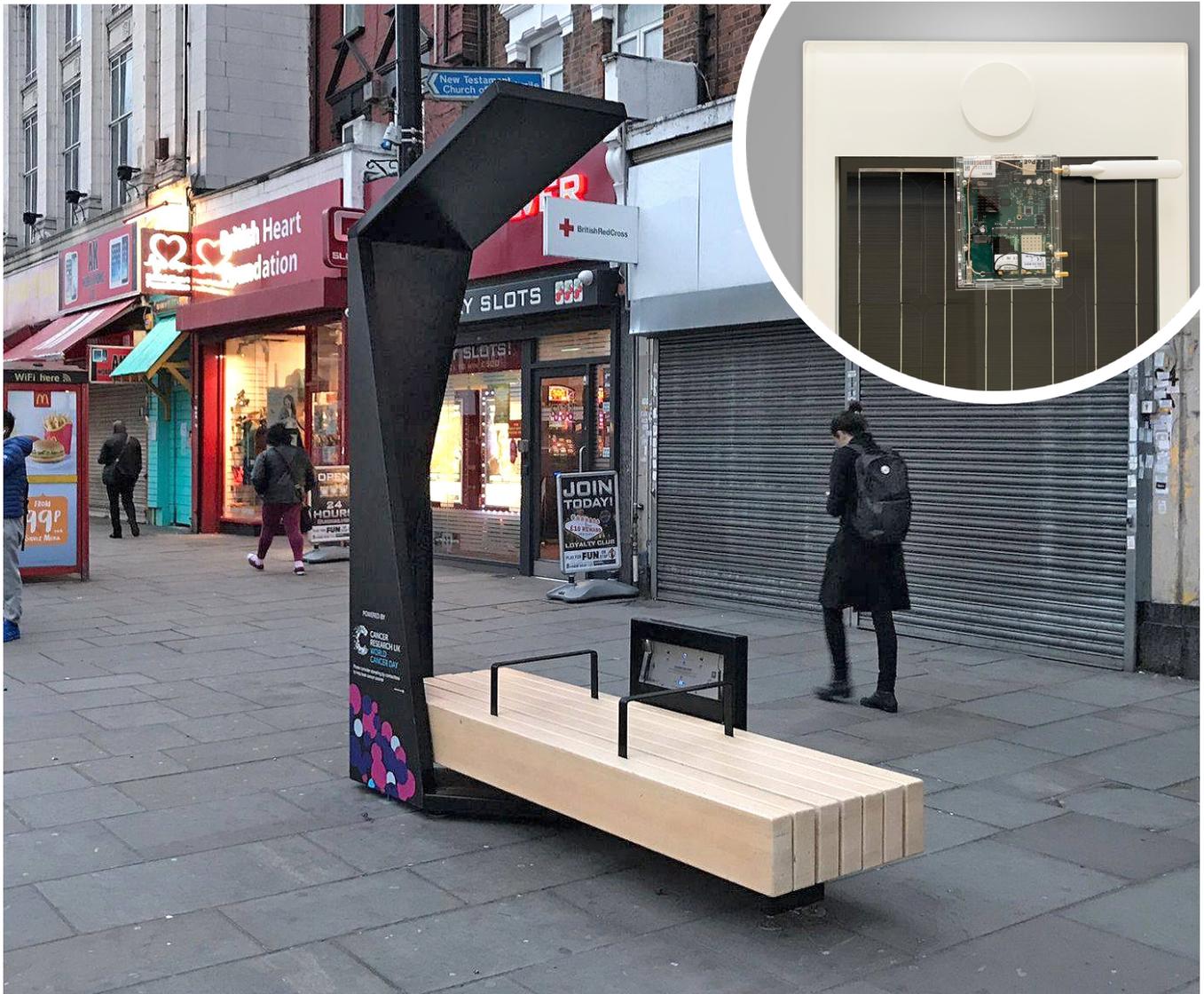
SXT LTE kit



LHG LTE kit

## “So, what MikroTik are you using for your bench?”

We really are living in the future, and to prove it once more we want to show you the Strawberry Smart Bench made by an ambitious team of engineers in Belgrade, Serbia.



It consists of a wooden bench and a steel structure that wraps around it, providing such services and features as: air quality, temperature, humidity, air pressure and noise level measurements, people counter, 4G/LTE Wi-Fi hotspot and battery charging – USB and wireless. Currently, you can find Strawberry Smart Bench in more than 25 cities in Europe.

And what powers the networking side of this futuristic bench? Our RBM33G boards and R11e modems. You too can buy parts for building your own [MikroTik powered solutions](#).

## MUM EUROPE AND OTHER UPCOMING EVENTS - POSTPONED!

A graphic with a grey gradient background. It features the text 'MUM' in white, stylized, outlined letters inside a red rectangular box. To the right of this box, the word 'EVENTS' is written in large, bold, black, sans-serif capital letters. Below 'EVENTS', the word 'POSTPONED' is written in smaller, bold, black, sans-serif capital letters, with wide letter spacing.

# MUM EVENTS POSTPONED

In compliance with our commitment to ensure the safety of our clients, partners, staff, and visitors at all MikroTik events, we have no other choice but to postpone our upcoming events – MUM Europe in Prague, Czech Republic (March 26-27), MTCSA in Riga, Latvia (March 23-24), Train the Trainer in Riga, Latvia (March 30 - April 2), distributor and trainer dinner (March 26), MUM United States in Kansas City (April 15-16), MUM Mexico in Cancun (April 20-21) and Train the Trainer in Mexico (April 22 - 24).

While this decision comes with a burden of unforeseen inconveniences for all involved parties, it has been made after reviewing health advisories from public health and disease prevention professionals.

These events will be rescheduled as soon as possible with due regard for public safety. The payments you have made for registration can be either used for the next events or be fully refunded, whichever works best for you. Thank you for your understanding.

Our thoughts go out to those affected by the virus outbreak.

MikroTik

## Upcoming MUM events in 2020

Meet MikroTik staff, certified trainers, master distributors and top network engineers. Witness latest technology demos and receive answers to all your networking questions!

**Admission is FREE.** There is no minimum attendance requirement, we welcome novice users and seasoned professionals. People of all skill levels will find something useful at the MUM. Any questions? Do not hesitate to contact us!

