MikroTik

In this newsletter
read about

- New RouterOS 7 beta version - try new features!   •   netPower 16P   •   LDF LTE6 kit
- GPEN21   •   Wireless Wire nRAY   •   Even lower prices for CWDM – it's a bargain!
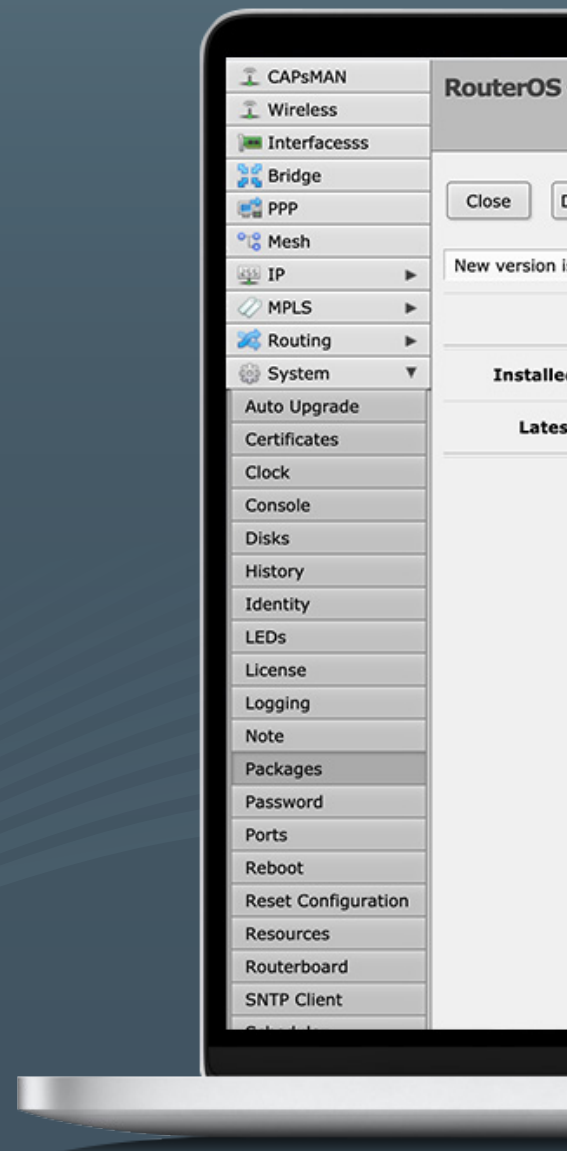- An in-depth review of our CCR1009-7G-1C-1S+

New RouterOS 7 beta version
- try new features!

We have released RouterOS v7.0beta8 with the implementation of many features you have been asking for:

- the latest Linux Kernel 5.6.3 featuring new up-to-date driver and security options
- new routing engine that will substantially improve the performance of newer MikroTik devices.
- vastly improved performance of The Connectivity Router - CCR2004
- BGP support with multicore peer processing
- RPKI support
- UEFI boot support, works with modern hardware
- L3 hardware offloading support for CRS317 switches
- improved policy routing
- introduced routing instance
- introduced BGP peer roles
- improved routing filters to dynamically adjust values
- enabled VRF support for both IPv4 and IPv6
- MBIM support allows for greater LTE/5G speed. MikroTik Chateau LTE12 is already taking advantage of this!

We urge everyone to remember that beta versions should only be used by experienced system administrators.

netPower 16P

Power all your access points and cameras anywhere!

Powering a bunch of access points or IP cameras and a few uplinks on a tower has never been easier. netPower 16P has 16 Gigabit Ethernet ports with PoE-out and two SFP+ ports for 10G fiber uplinks.
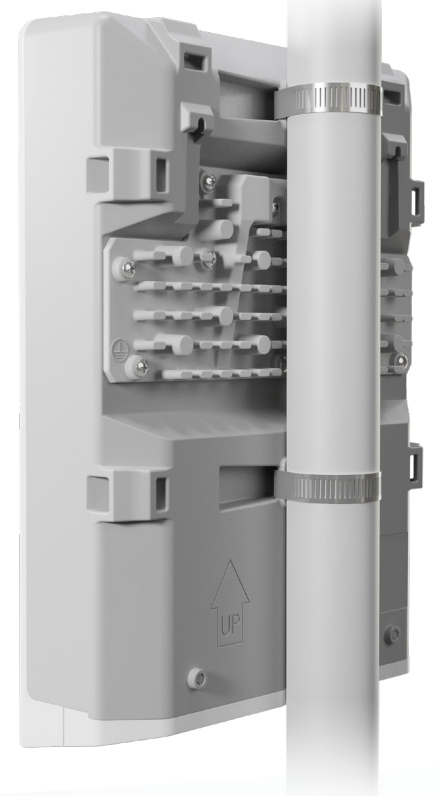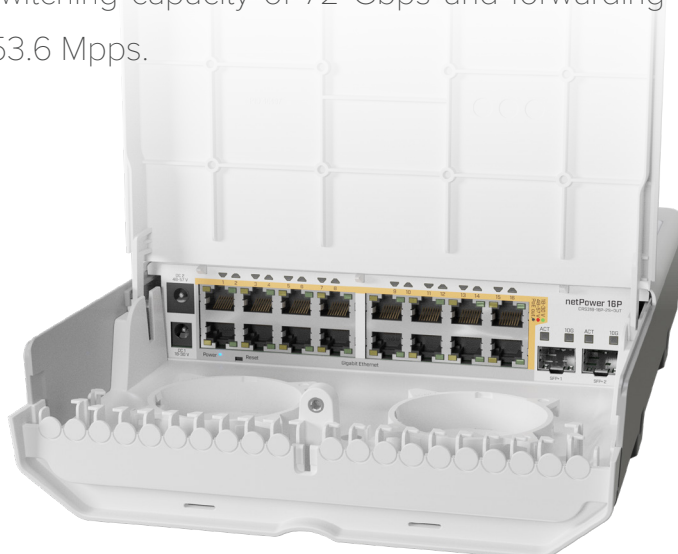
View online

$ 279

netPower 16P – a simple solution for complicated tasks

/ Its sturdy and compact outdoor enclosure allows the switch to be mounted in all kinds of environments – from damp attics and shafts to towers, masts and poles with hose clamps.

netPower 16P has a non-blocking throughput of 36 Gbps, switching capacity of 72 Gbps and forwarding rate of 53.6 Mpps.

LDF LTE6

Stay connected no matter where you are!

View online

$ 149

This outdoor wireless system with a built-in antenna can provide a connection even in the most remote locations. Tiny, powerful, can be used with any satellite TV dish with an offset mount.

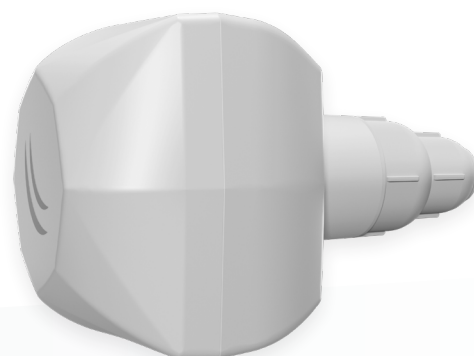*Can be used with a standard offset satellite dish (not included!)*

LDF LTE6 kit is a device for extremely remote locations that are within cellular network coverage. Attach it to any satellite TV dish, and the dish will act as a reflector, greatly amplifying the signal.

Using large enough dishes, it is possible to obtain antenna amplification of 30 dBi or more. That means – Internet connectivity is possible even in areas, where you would usually have no mobile connectivity at all. Stormy weather is not a problem either – with a solid IP68 rating LDF LTE6 kit can withstand dust, dirt and sand, as well as temporary immersion in water.

Since the LDF is a tiny little package, it makes shipping and deployment fast, simple and low cost.

LDF LTE6 kit features a CAT6 LTE modem, which enables carrier aggregation and allows the device to use multiple bands at the same time. A huge advantage when there are a lot of LTE users in the area. It provides better responsiveness and higher efficiency for weaker signal situations in the countryside. We have seen Internet speed doubling in rural areas after switching to CAT6.

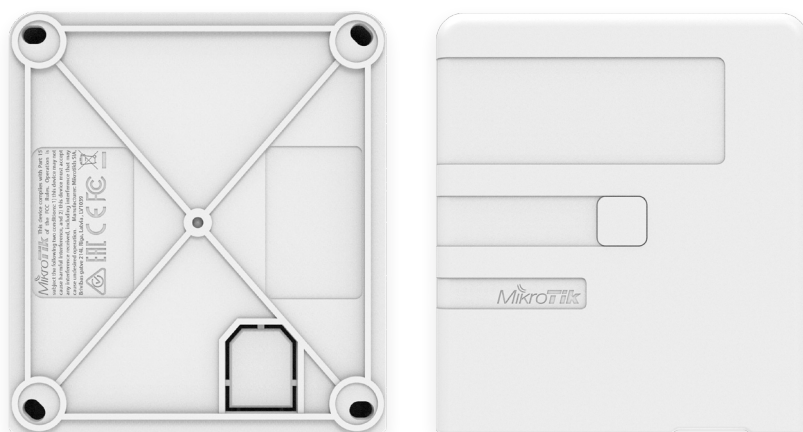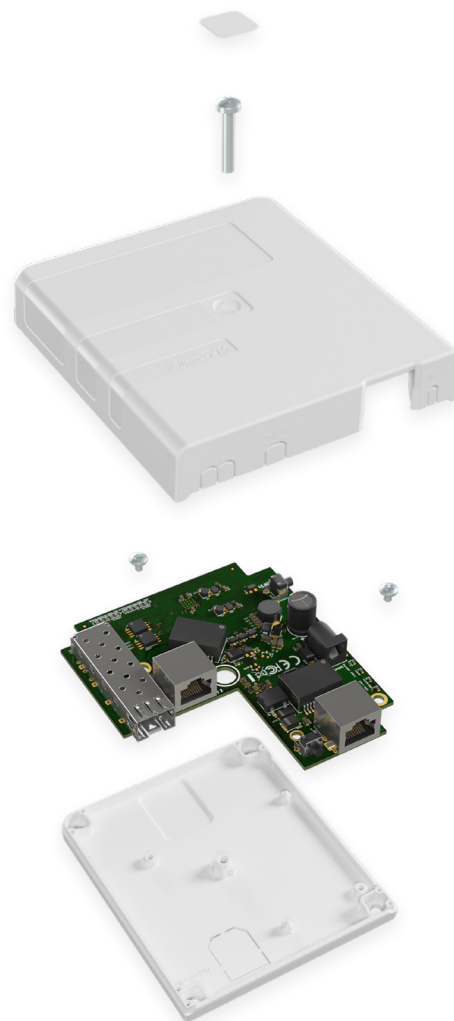Choose LDF LTE6 kit and stay connected no matter where you are!

GPEN21

Smart power injector that serves as an advanced software controlled repeater.

$ 29

The GPEN21 is a smart power injector that serves as an advanced software controlled repeater. Not only can it power your uplink devices via PoE, it can also provide a range of useful software features:

- Interface management and monitoring
- GPEN link fault detection
- VLAN support
- SNMP reporting
- Basic traffic shaping

GPEN21 has an Ethernet and SFP port for fiber connectivity. Customers can choose to use GPEN21 to power optical module for uplink to provider, or to provide PoE to power Ethernet uplink to provider (that uses our GPeR and/or netPower products) The GPEN unit can be securely attached to a wall or the communications cabinet. The Ethernet cable can be routed either directly through its bottom cable opening or into the wall, as preferred.

It also has a designated space for an ISP sticker on the front. Sticker size: 66 x 25 mm (2,5 x 1 Inches).

Wireless Wire nRAY

The most compact wireless 2 Gb/s aggregate link in the 1500 m range or more! Improved snow-resistant design is perfect for harsh weather environments. Cables can no longer limit you!
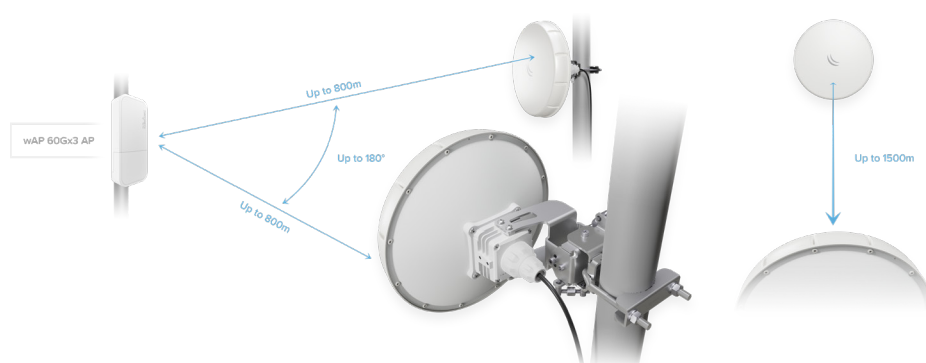
$ 298

Our team has gathered and taken into account your feedback to make a worthy successor of our popular Wireless Wire Dish. Now we are proud to present the best plug-and-play 60 GHz point-to-point link solution to date – the Wireless Wire nRAY. It is a kit of two pre-paired devices that make a secure AES encrypted wireless connection.

It can easily cover a distance of 1500 meters and reach fiber-like speed, and we have made some serious structural improvements. With the latest antenna technologies, this device is very compact, but even more durable than its predecessors.

Smaller than LHG, same antenna gain!

The new form-factor has been designed with snowy areas in mind – you won't have to worry about huge chunks of snow getting stuck and messing with the signal. Due to its size and shape, the nRAY also attracts less unwanted attention. Using the special fine-tune adjustment screws, a perfect alignment can be achieved.

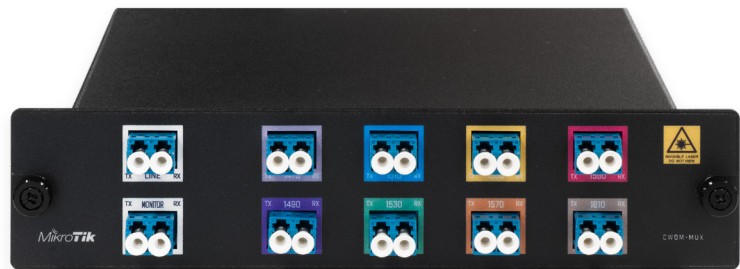*Can be used with the wAP or wAP x3 for distance up to 800m*

The 60 GHz frequency is unaffected by the crowded wireless spectrum, so you can enjoy a smooth connection even in a busy urban environment. A powerful arm64 dual-core CPU running at 1 GHz ensures wire speed throughput in nearly all packet sizes. The included devices are preconfigured to connect automatically, simply point them at one another and power them on! We have included the power supplies, PoE injectors and a handy precision mount for easier alignment - the solidMOUNT. It is an advanced pole mount metal adapter that allows adjustment both vertically and horizontally.

Even lower prices for CWDM – it's a bargain!

View online

Do you want to increase efficiency of existing fiber networks and reduce electricity consumption, equipment maintenance and installation costs? Then our CWDM units are just the right tool for you! Available now for the lowest price ever!

The CWDM is a passive MUX/DEMUX unit, which allows to combine up to eight fiber links into one – for a quick, simple and low-cost long distance fiber installations. At the other end the combined line gets split up again. Instead of eight long fiber lines , you would only need one.

Product list

Product code	Description	List price
CWDM-CHASSIS-2	1U Chassis bracket for CWDM 8-port MUX/DEMUX unit	**$39**
CWDM-MUX8A	CWDM MUX/DEMUX 8-port unit	**$299**
S-C47DLC40D	SFP CWDM module 1.25G SM 40km 1470nm Dual LC-connector DDM	**$34**
S-C49DLC40D	SFP CWDM module 1.25G SM 40km 1490nm Dual LC-connector DDM	**$34**
S-C51DLC40D	SFP CWDM module 1.25G SM 40km 1510nm Dual LC-connector DDM	**$34**
S-C53DLC40D	SFP CWDM module 1.25G SM 40km 1530nm Dual LC-connector DDM	**$34**
S-C55DLC40D	SFP CWDM module 1.25G SM 40km 1550nm Dual LC-connector DDM	**$34**
S-C57DLC40D	SFP CWDM module 1.25G SM 40km 1570nm Dual LC-connector DDM	**$34**
S-C59DLC40D	SFP CWDM module 1.25G SM 40km 1590nm Dual LC-connector DDM	**$34**
S-C61DLC40D	SFP CWDM module 1.25G SM 40km 1610nm Dual LC-connector DDM	**$34**
S+C47DLC10D	SFP+ CWDM module 10G SM 10km 1470nm Dual LC-connector DDM	**$129**
S+C49DLC10D	SFP+ CWDM module 10G SM 10km 1490nm Dual LC-connector DDM	**$129**
S+C51DLC10D	SFP+ CWDM module 10G SM 10km 1510nm Dual LC-connector DDM	**$129**
S+C53DLC10D	SFP+ CWDM module 10G SM 10km 1530nm Dual LC-connector DDM	**$129**
S+C55DLC10D	SFP+ CWDM module 10G SM 10km 1550nm Dual LC-connector DDM	**$129**
S+C57DLC10D	SFP+ CWDM module 10G SM 10km 1570nm Dual LC-connector DDM	**$129**
S+C59DLC10D	SFP+ CWDM module 10G SM 10km 1590nm Dual LC-connector DDM	**$129**
S+C61DLC10D	SFP+ CWDM module 10G SM 10km 1610nm Dual LC-connector DDM	**$129**

"The suggested tool for grand business and service networks." An in-depth review of our CCR1009-7G-1C-1S+

The "AccessPoint Kft." team from Hungary has made a comprehensive review of the CCR1009-7G-1C-1S+ updated revision. We wanted to combine all the customer feedback and best practices in CCR device manufacturing that we have learned over the years, and here is the result! Don't forget to enable English subtitles!

"AccessPoint Kft." frequently posts detailed MikroTik device tests both in video and text format. Recently they have looked at the LHG LTE, LtAP, hEX S, RB4011, and many other MikroTik devices, so give them a look!