MikroTik

NEWSLETTER, ISSUE #75 - JANUARY 2017

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cAP lite

The cAP lite is a tiny access point device with a clean and simple design which will blend into any environment. Perfect for public locations and hospitality businesses like hotels, airports, shopping malls etc. where you can easily place it out of sight, or customise it's looks, to make it even less conspicuous.

$29

Included with the product are two different casings, which can easily be swapped out, or, if you really like to fit the design with the environment, we are providing 3D printer friendly design files. The customisation possibilities are endless.

The cAP lite supports 802.11b/g/n 300Mb/s two chain wireless and can be powered by power over 100Mb/s ethernet. It's a perfect companion for the MikroTik CAPsMAN (controlled AP system manager), allowing you to control all your AP devices from one central location. The cAP lite can also be used as a stand alone access point with the full potential of RouterOS.

24 V 0.2 A power adapter

Fastening set

PoE injector

Small and in different shapes

Ceiling case

Wall case

Wall

Ceiling

View online

Custom case 3D model file and instructions are provided on routerboard.com.
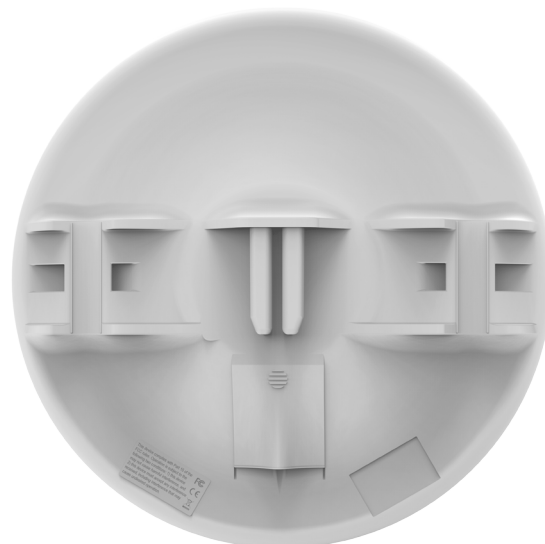
DISC Lite5

We are glad to introduce a new high gain 5GHz CPE. By using a unique and innovative short backfire antenna design, we were able to achieve 21dBi antenna gain in a compact and easy to deploy package.

DISC Lite5 is equipped with 21dBi dual chain 802.11n integrated CPE with 600MHz CPU, 64MB RAM, 1x 10/100Mbps Ethernet port and RouterOS L3 installed. It comes complete with a power supply, PoE injector and mounting ring. The device is also compatible with our quickMOUNT pro mounting attachment.

The RouterOS Level3 allows to use the DISC Lite5 as a CPE or for 5GHz Point-to-Point links.

View online

$48

| 24V 0.38A Adapter | Metal ring | PoE injector |

Wireless specification

Rate	Tx	Rx
6MBit/s	25	-96
54MBit/s	20	-80
MCS0	25	-96
MCS7	19	-75

Antenna type	Short backfire
Antenna gain	21 dBi
Port-to-port isolation	20 dB
Front-to-back ratio	30 dB
Side lobe level	15 dB

CSS326-24G-2S+RM

SwOS powered 24 port Gigabit Ethernet switch with two SFP+ ports, wire speed connectivity with several new switching features.

The device is powered by a Marvell DX switch chip. The device is running an operating system designed specifically for MikroTik switch products - SwOS. SwOS is configurable from your web browser. It gives you all the basic functionality for a managed switch, plus more: allows to manage port-to-port forwarding, apply MAC filter, configure VLANs, mirror traffic, apply bandwidth limitation and even adjust some MAC and IP header fields. SFP cage supports both 1.25 Gb SFP and 10 Gb SFP+ modules.

Specification

Product code	CSS326-24G-2S+RM
Switch chip model	98DX3216A1
Storage type	Flash
Storage size	2 MB
10/100/1000 Ethernet ports	24
SFP+ cages	2
Operating system	SwOS
Supported input voltage	12 - 30 V (jack or passive PoE)
Dimensions	440 x 144 x 44 mm
Operating temperature	-40°C .. +70°C tested
Max power consumption	19 W

Features

- Non-blocking Layer 2 switching capacity
- 16K host table
- IEEE 802.1Q VLAN
- Supports up to 4K simultaneous VLANs
- Port isolation
- Port security
- Broadcast storm control
- Port mirroring of ingress/egress traffic
- Rapid Spanning Tree Protocol
- Access Control List
- MikroTik neighbor discovery
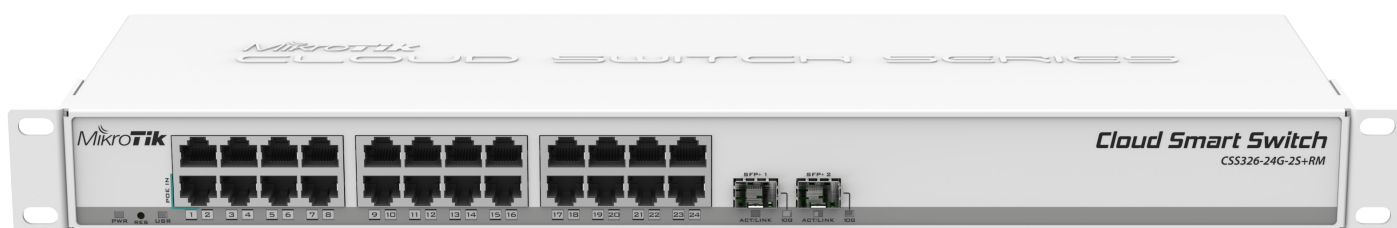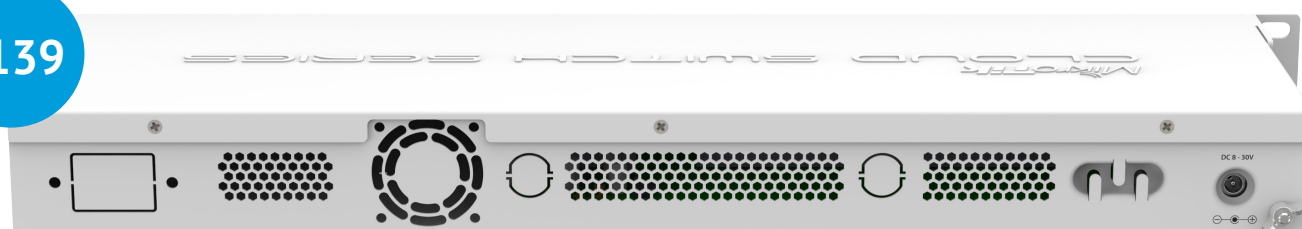- SNMP v1
- Web-based GUI
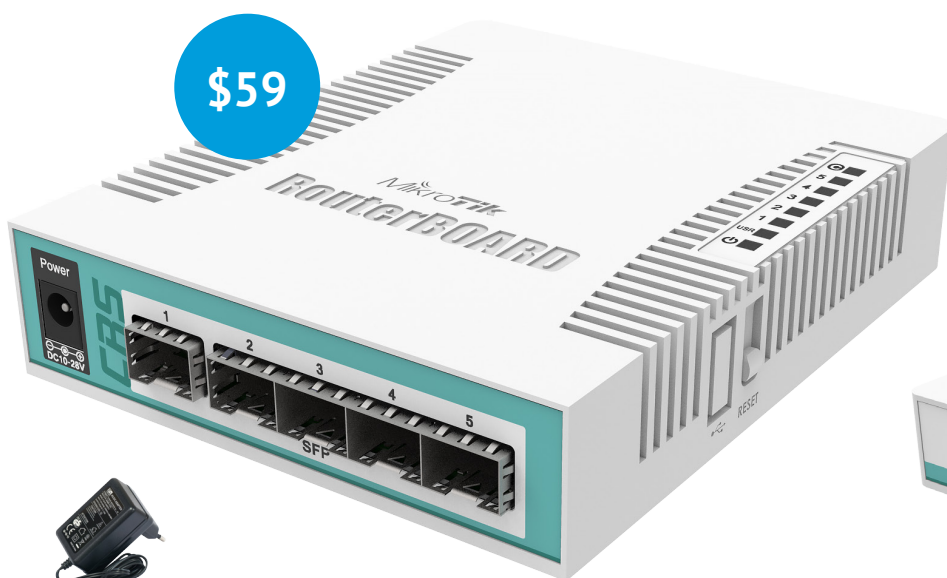
Included

24 V 1.2 A power adapter

Rack ears

$139

View online

CRS106-1C-5S

The Cloud Router Switch 106-1C-5S is a desktop size smart switch, equipped with one Gigabit Ethernet / SFP combo port and five 1.25Gbps SFP cages. The package includes a power supply. Powered by a 400MHz CPU and 128MB RAM, it runs RouterOS with a L5 license and supports 11-30V power.

At $59 price range this product provides a market leading solution for connecting up to six SFP devices.

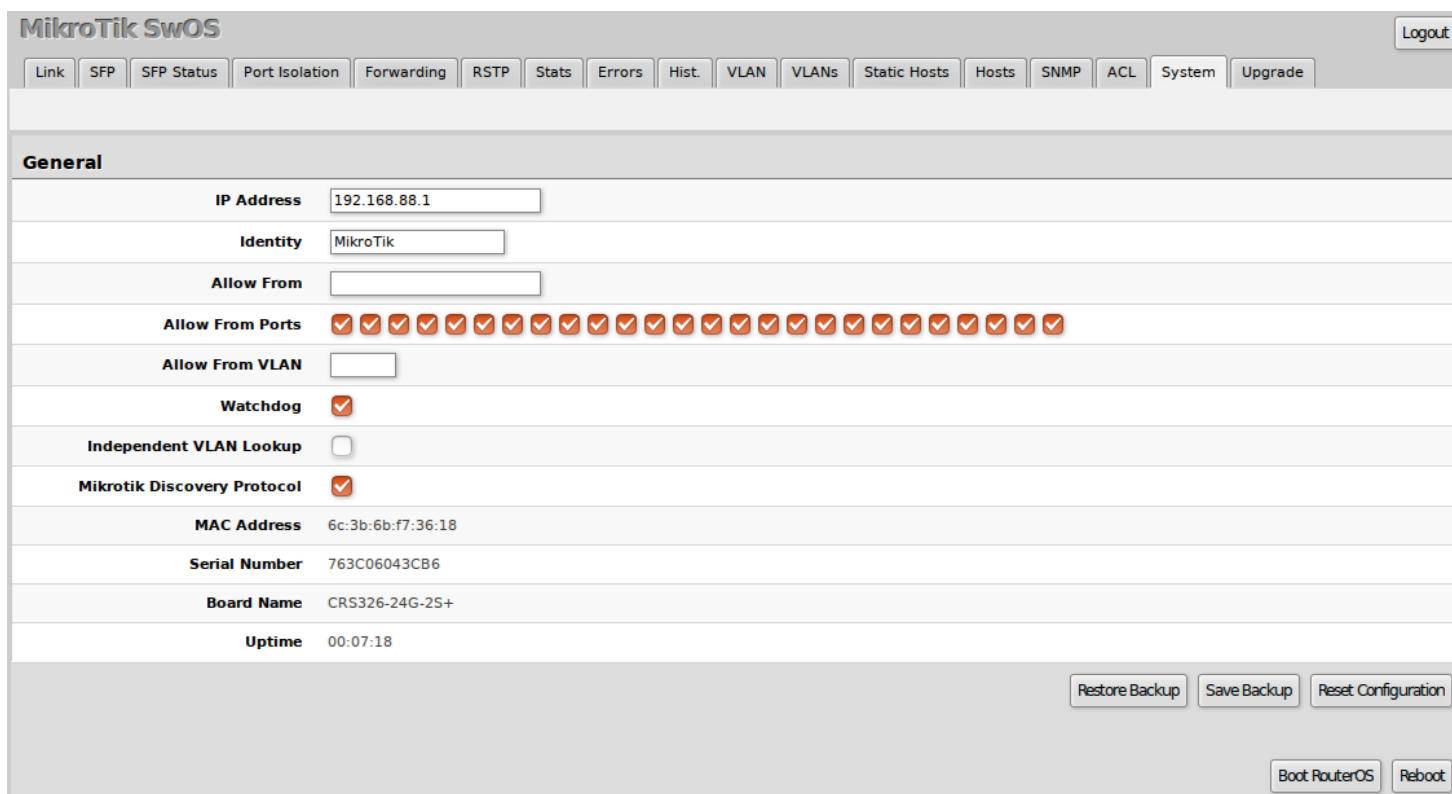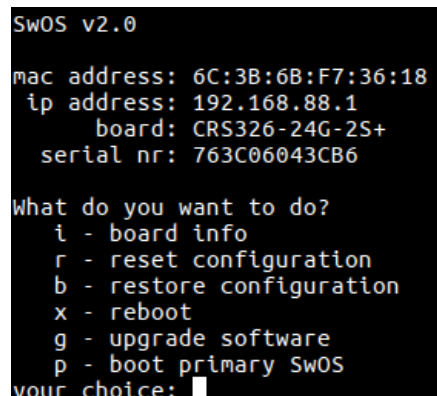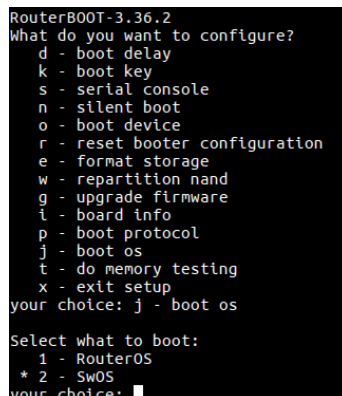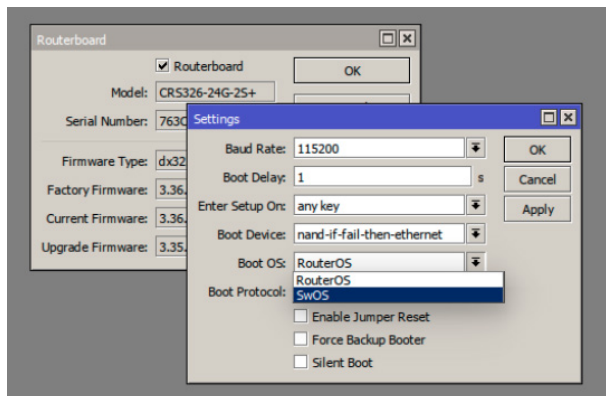**$59**

View online

24V 0.8A power adapter

TR-069 improvements in 6.39RC

We are also continuing our work to improve TR-069 support, and have now updated the list of tested platforms with one more (AVSystem, Axiros, Friendly Tech). Several improvements have been added in the latest RouterOS release v6.39RC:

• added Parameters for DNS client management

• added /tr069-client connection-request-username/password settings

• regenerate Connection Request URL on each tr069-client restart for extra security as recommended by standard

• added support for Connection Request Digest Access Authentication (this is required by standard but didn't make into previous version)

Dual boot lets you choose between SwOS and RouterOS

We are glad to introduce a new feature for our switch devices - dual boot! Beginning with our CRS3xx series due this summer, you will have the opportunity to choose which operating system you prefer to use, RouterOS or SwOS. If you prefer to have a simplified switch only OS with more switch specific features, use SwOS. If you are used to Winbox and would like the ability to use routing and other Layer 3 features on some ports in your CRS, you can boot RouterOS. You will be able to select the desired operating system from RouterOS, from SwOS or from the RouterBOOT loader settings.

European MUM (March 30-31, 2017)

You are very welcome to attend our central event of the year - MUM Europe 2017! Big announcements, workshops, presentations and exhibition - this year in beautiful city of Milan, Italy!

The MUM will take place on March 30-31 (Thursday - Friday).

- largest WISP conference in Europe
- more than 1,500 participants from 70 countries
- more than 50 Exhibitors
- new REVOLUTIONARY product announcements
- two days of workshops and presentations
- FREE hardware gifts from MikroTik and exhibitors
- raffle at the end of MUM with great prizes
- meet n' greet on March 29 from 6PM with FREE beer, wine and soft drinks
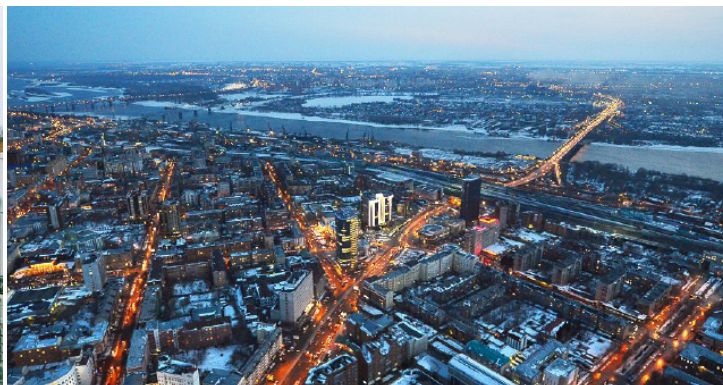
Register now!

Also this year we have announced several regional MUM events:

Khabarovsk, Russia
March 14

Novosibirsk, Russia
March 17

Ho Chi Minh City, Vietnam
April 21

Phnom Penh, Cambodia
April 24