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CRS326-4C+20G+2Q+RM

\$ 999

Our top-of-the-line switch with incredible 2.5 Gigabit port density, combo ports, and even a pair of 40 Gbps QSFP+ cages.

Enterprise-level gamechanger... for the price of a smartphone!



A massive heatsink and two powerful fans -
you can forget about overheating even
under the heaviest loads!

**20x****2.5**GIGABIT
ETHERNET**4x****COMBO
PORTS**ETHERNET
2.5G/10G SFP+**2x****40G**

QSFP+

More offices, studios, and other professional environments are making the switch to the fast and reliable 2.5 Gigabit standard. So we wanted to create an affordable solution that could be at the heart of this everchanging landscape, making your life easier, saving your budget, and offering extra flexibility with excellent port-density and additional ultra-fast fiber interfaces. The new CRS326 offers all that and even more!



There are 20x 2.5 Gigabit Ethernet ports, 4x COMBO ports that can either be used as 4x additional 2.5 Gigabit Ethernet ports OR as 10G SFP+ interfaces, and on top of all that – there are 2x 40 Gigabit QSFP+ cages for ultra-fast fiber connectivity. Practical and future-proof!

The mighty Marvell Prestera switch-chip that comes with a dedicated CPU can handle all your daily tasks without breaking a sweat. VLAN's, Jumbo frames, link aggregation, ACL rules... You can even do some Layer3 routing!

Dual-redundant power supplies and an extra 100 Mbps Ethernet port for management purposes will save you a lot of troubles in the long run. And we've included everything you need to secure this marvelous switch in a standard 19" rackmount!

Like many MikroTik devices, this one was born out of necessity. Our video team needed a fast, cost-effective solution that would enable them to connect all the studio devices without the need for a dedicated rack – the studio has no extra space. They use the 2.5 Gigabit Ethernet ports to connect all the equipment, computers, extra screens and recorders, and so on. Then the four combo ports go to other departments in case they need to transfer some footage for review. One 40 Gigabit line goes to the NAS media server and another 40 Gigabit line goes to the editor's multimedia station where all the magic happens. This is a wire-speed switch, so the team can get maximum speed on all the ports and make all the videos so much faster. Like this one!



LtAP LR8 LTE6 kit

\$ 279



A compact all-in-one solution with LTE, GPS and wireless support for LoRa® in a rugged heavy-duty case. Now with a brand new CAT6 LTE modem for higher speeds and a better price!



ALL-IN-ONE: HIGH SPEED LTE, GPS, INTERNET-OF-THINGS



MANY POWERING OPTIONS, INCLUDING AUTOMOTIVE



EXTREME VERSATILITY WITH THE POWERFUL RouterOS v7



2.4 GHz AP IN A RUGGED HEAVY-DUTY CASE



READY FOR "THE THINGS NETWORK INTEGRATION"



GIGABIT ETHERNET WITH POE-IN



3 MINISIM SLOTS – PERFECT FOR ROAMING

Inside the heavy-duty case, there is a powerful 2.4 GHz wireless access point with a Gigabit Ethernet port, built-in GPS and two internal LTE antennas. There are two miniPCIe slots – one is used for the LTE modem, the other one is populated with the concentrator gateway card for LoRa® technology.

This **upgraded edition** comes with a brand new CAT6 LTE modem that brings the mobile internet speed up while bringing the price of the LtAP down!

It also enables **carrier aggregation**, allowing the device to use multiple bands at the same time.

That means - better responsiveness in a crowded environment and higher efficiency for weaker signal situations in the countryside. We have seen Internet speed doubling in rural areas after switching to CAT6!

There are three powering options: DC jack, PoE-in and automotive. We have even seen users powering the LtAP with a 20 000 mAh power bank throughout the day!



Internet-of-things has never been so affordable

To fully understand what this device can do, we need to talk about Internet-of-things. Let's start with an example. Imagine a farmer who has cattle, an irrigation system for the crops, and storage for the goods. On a day-to-day basis he needs to:

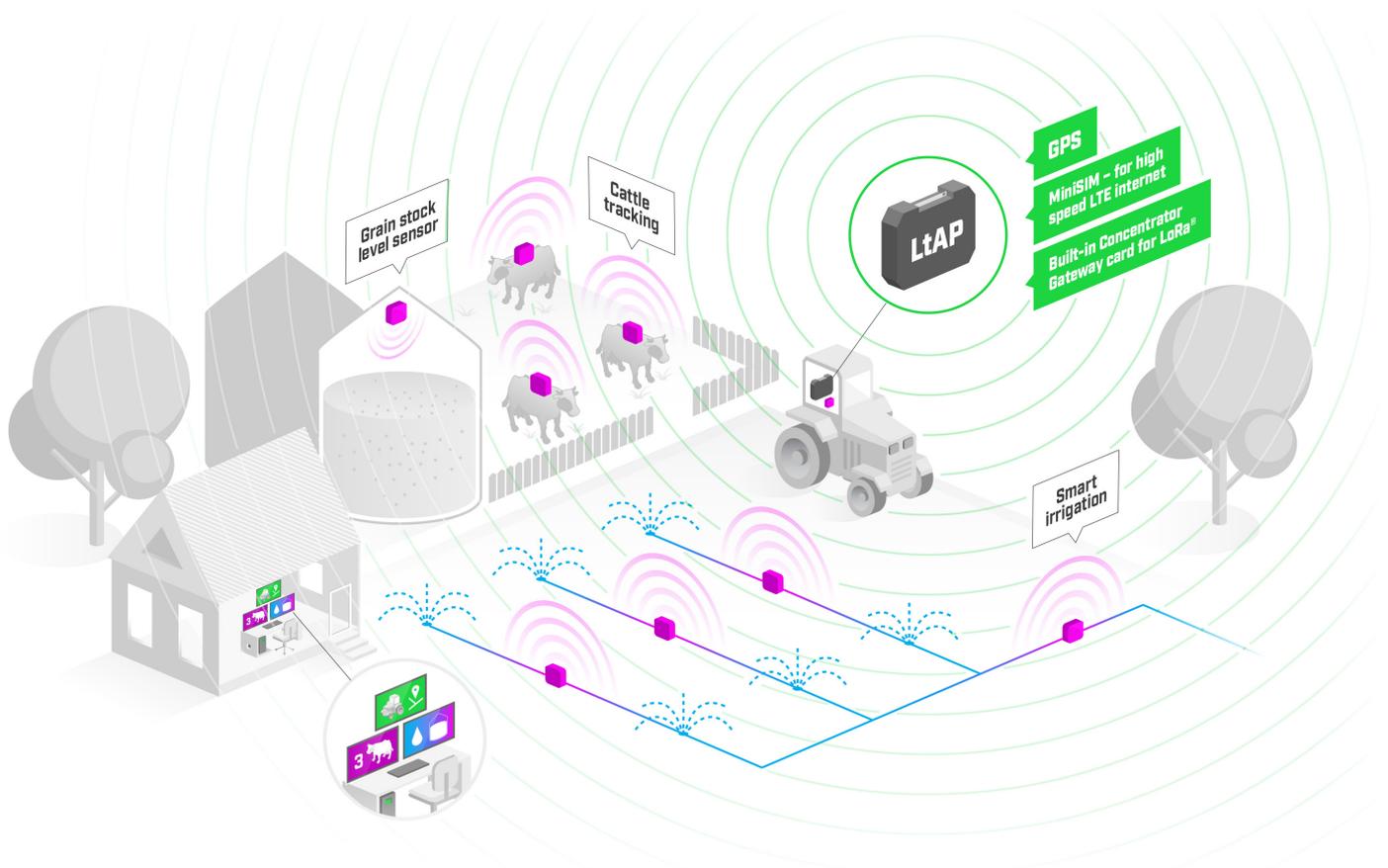
- track the animals;
- monitor the grain stock level;
- control the irrigation system.

For all these tasks the farmer can use low-cost wireless sensors. By connecting them to the LtAP - he can gather the real-time data, combine it with the location information of the vehicle, and send it to the cloud via high-speed LTE. Now all the information he needs to monitor and plan the growth of his farms is in one place. So simple and so handy.

The wireless technology behind this is called LoRa®, which stands for Long Range. It requires very low power. That's why LoRa® is the best way to build your Internet-of-things solutions.

LoRa® can be used for anything from smart homes to agriculture, supply chains, logistics and even smart cities. Monitor parking spaces, track utility services, measure environmental data and so on - the possibilities are endless.

There is even a free server infrastructure that you can use - The Things Network, fully supported by the LtAP LR8 LTE6 kit. With a large community of enthusiasts and developers around the world, you will never be alone with your questions regarding the LoRa® network.



Perfect for logistics and tracking

There are 3 MiniSIM slots you can use to set up automatic switching between mobile operators. Very convenient if you have to cross the border regularly.

The device features two internal LTE antennas, but you can use the U.FL connectors to add external antennas of your choice for even better coverage. The same goes for the GPS – you can attach an external antenna as well.

By the way, we have provided a [simple application example](#) on the RouterOS documentation website, so you can start real-time location tracking right away!

The Things Network

Our products for LoRa® are ready to work with “[The Things Network](#)” - the famous open source infrastructure that provides free LoRa® network coverage and has tons of apps for your needs. With the help of “The Things Network” you can get started with the Internet-of-things within a day. And it is easily upgradable to enterprise-grade network “[The Things Industries](#)”.

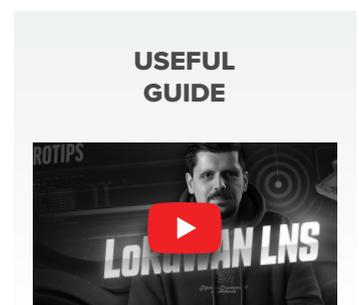
The setup is so easy - anyone can learn it. No need to reinvent the wheel – join “The Things Network” to save time and energy with smart solutions!

RouterOS – extreme versatility

Run a secure VPN from the office directly to your home, apply specific firewall rules, use IPsec hardware acceleration, VLAN, DHCP, e-mail or SMS notifications, and so on. With RouterOS scripting you can automate a lot:

- modify queues based on bandwidth usage;
- complex trigger notifications, such as “Your bandwidth has reached X for Y minutes!”
- backups and setup of additional devices, and so much more!

We also include a free handy tool for centralized management of all your wireless MikroTik devices – the CAPsMAN. Unlike traditional controller software, CAPsMAN doesn't require a separate device to run, it can use any existing RouterOS device in your network. We have been making our own software since 1996. With each new version our priority remained the same: to provide users with the freedom to explore different setups and always have the right tools for the job. Without unnecessary paywalls.



wAP LTE kit (2024)

\$ 99



A refresh of the classic weatherproof wAP LTE kit – with a new LTE modem that brings the PRICE DOWN and the performance UP! Disruptive pricing: the best OUTDOOR LTE/WI-FI deal on the market if you're on a tight budget.



DURABLE AND COMPACT OUTDOOR ENCLOSURE



EXTENSIVE LTE BAND SUPPORT



RouterOs v7



POE INJECTOR & AUTOMOTIVE ADAPTER INCLUDED



FLEXIBLE POWERING: POE-IN, DC JACK, AUTOMOTIVE

wAP LTE kit is a **tiny weatherproof wireless access point** for installation outside your house, in the garden, on your porch, or in any other challenging environment where you need a capable wireless connection **on the tightest budget possible**. It features an Ethernet port with passive **PoE-in**, but there are more ways to power this affordable access point: there's also a **standard DC jack** and an **automotive plug**.

The new revision features a new LTE modem that offers improved connectivity, the addition of the popular B28 band, and a massive price drop!



Improved enclosure - looks good, works even better... even against vandals!

wAP LTE kit is weatherproof and can be fixed to any external wall from the inside of the case – for extra security and less visible attachments. The bottom part can also be secured with a special anti-vandal screw, which can only be opened by the owner.

There is an opening in the back of the case, allowing you to run the Ethernet cable directly behind the unit and through the wall. This way the wAP attracts less attention and blends into any environment.

Use it on the ceiling!



Use it on the wall!



FTCI1XG

\$ 139



A weatherproof IP55 Fiber-to-Copper converter to transform your 10 Gigabit SFP+ fiber connections into RJ45 10 Gigabit Ethernet.

FTCI1XG offers low power consumption (9-10 W) and two ways of powering: a standard DC jack & 802.3 af/at/bt 43-57 V PoE-In. It comes with a PoE injector, a power supply, and everything you need to secure it on a ceiling.

FTCI1XG runs a full version of SwOS Lite, and has its own **switch-chip**, allowing you to perform a variety of tasks you would never expect from a regular media converter! Here are some of them:

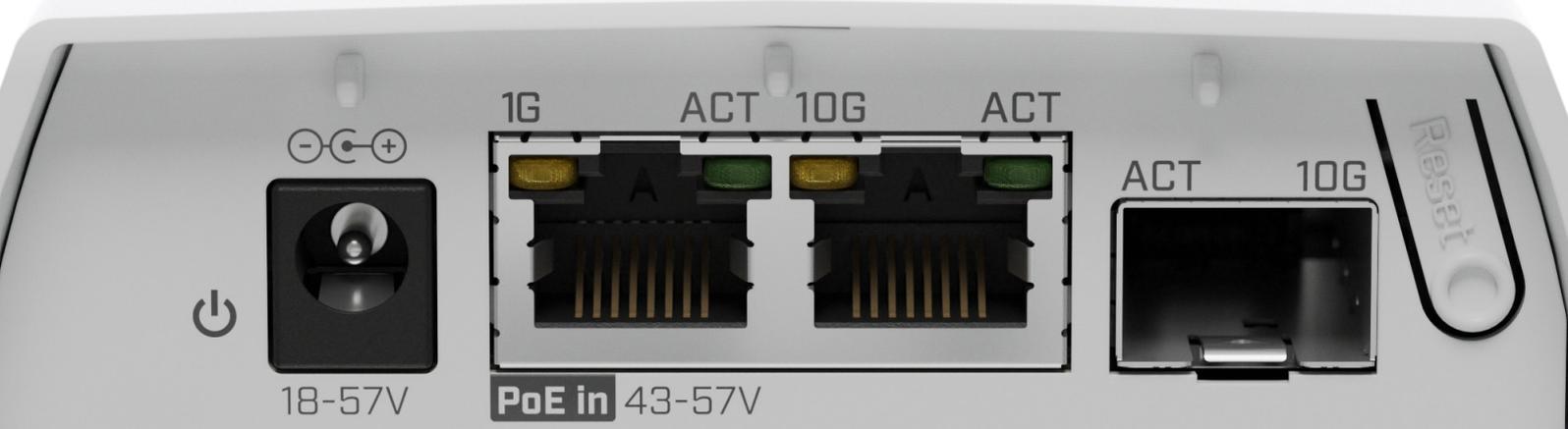
Interface management and monitoring;

VLAN support;

SNMP reporting;

Basic traffic shaping;

And even advanced **packet filtering with Access Control List** - a powerful network tool that allows packet filtering, accounting, and VLAN tagging based on Layer 2, 3, and 4 protocol header field conditions.



XQ+CM0000-XS+

\$ 59



An economic QSFP28 to SFP28 converter that allows the use of SFP28 25G/10G/1G modules in QSFP28 100G/40G ports.

The perfect cost-effective and energy-efficient solution to expand your CRS504/CRS518/CRS510 setups and save budget by utilizing modules you have at hand!



CRS504-4XQ-IN



CRS518-16XS-2XQ-RM



CRS510-8XS-2XQ-IN

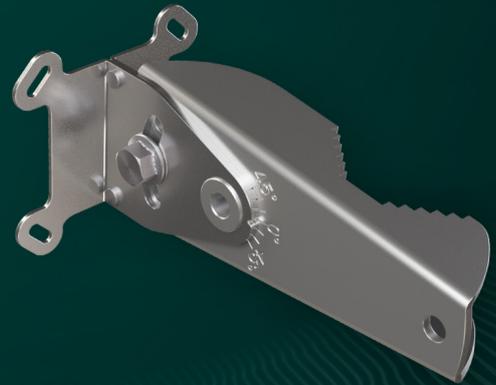
SXTsq-mount

\$ 9



A simple, durable alignment attachment for the SXTsq series products.

Attach it to the back of the SXTsq using a Ph1 screwdriver, mount everything on a pole using the provided U bolt and an 8 mm ratchet, then place the bolt in one of the three positions - these enable fine adjustments up to 45 degrees in both directions!



Distributor success story by SPX: LHG, CRS and... crypto?

Bitcoin mining networks don't require high-speed networking gear, but they do require something that will always stay reliable – both for internal LAN between devices and WAN for remote orchestration.

As Bitcoin mining often happens in remote locations with no access to fiber connections, LHG and LHG LTE kits have been used in most of them,” explained our friends at SPX. They have been installing LHGs and CRS switches in shipping container data centers since 2018. Recently they've added the versatile RB5009 to the mix as well.



New #MikroTips and tricks!



Train the Trainer, April 24-26

Do you want to become a MikroTik certified trainer and conduct your own training courses? Then join our Train-the-Trainer course in Riga this spring - we will teach you all there is!

As always, we offer a discount code for your stay in the local [Rixwell](#) and [Wellton](#) hotels: *Mikrotik2024*

[Video](#)

[Learn more](#)



Here you can download all the visuals used in this newsletter

