




MikroTik CRS326 24S 2Q RM Cloud Router Switch User Manual

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MikroTik CRS326 24S 2Q RM Cloud Router Switch



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Quick start

- Mount unit or place on the flat surface, please see [Mounting](#) paragraph for instructions.
- Choose your [powering](#) solution, please see Powering section for possibilities.
- The Initial connection has to be done via the Ethernet cable, using the MikroTik Winbox utility.
- Use Winbox to connect to the default IP address of 192.168.88.1 from any port, with the username admin and

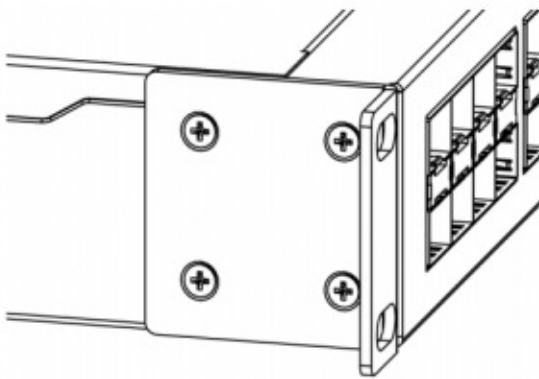
no password, the device is set up as a switch.

- We recommend clicking the “Check for updates” button and updating your system software to the latest version to ensure the best performance and stability.
- Set up your password to secure the device.

Mounting

The device is designed to use indoors and it can be mounted in a rackmount enclosure using provided rack mounts, or it can be placed on the desktop. Please attach rubber pegs on the bottom of the router if the desired placement is on the flat surface or use a Phillips screwdriver to attach rackmount ears on both sides of the device if designated use is for rackmount enclosure:

1. Attach rack ears to both sides of the device and tighten four screws to secure them in place, as shown in the picture.



2. Place the device in rackmount enclosure and align with the holes so that the device fits conveniently.
3. Tighten screws to secure it in place.

The IP rating scale for this device is IPX0. The device has no protection from water contamination, please ensure the placement of the device in a dry and ventilated environment.

Mounting and configuration of this device should be done by a qualified person. We recommend using Cat5/6 cables for our devices.

Powering

The device accepts powering from two inputs of 100 – 240 V AC .

The power consumption of this device under maximum load is up to 42 W. With attachments up to 69 W

Booting process

The device supports booting RouterOS (for complete routing and switching configuration) or SwOS (for only using as a switch). By default, the device will boot RouterOS, but you can reboot into the other operating system in the following ways:

- From SwOS: In the System menu, click “Boot RouterOS” button on the bottom of the page.
- From RouterOS: in the System, RouterBOARD menu, click “Settings” and there select “Boot OS”

It is also possible to select the OS and configure other boot settings via the serial console menu.

Configuration

Serial console for configuration is an RS-232 serial port, set by default to 115200 bit/s, 8 data bits, 1 stop bit, no parity. Standard RJ45 to COM cable can be used. To find detailed serial console configuration and pinout please visit serial console section in our wiki pages here:

https://wiki.mikrotik.com/wiki/Manual:System/Serial_Console

RouterOS and SwOS include many configuration options in addition to what is described in this document. We suggest starting here to get yourself accustomed to the possibilities: <http://mt.lv/help>. In case the IP connection is not available, the Winbox tool (<http://mt.lv/winbox>) can be used to connect to the MAC address of the device.

Extension slots and ports

- Twenty four 10G SFP+ ports.
- Two 40G QSFP+ ports.
- 1x RJ45 console port (set at 115200bits/s, 8 data bits, 1 stop bit no parity).
- 1x 10/100Mbit Ethernet port for management access.
- USB type-A port.
- Three cooling fans with automatic speed control.
- Two integrated power supply units with AC inputs for redundancy

Please visit wiki pages for MikroTik SFP module compatibility and configuration table:

https://wiki.mikrotik.com/wiki/MikroTik_SFP_module_compatibility_table

Reset button

The RouterBOOT reset button has the following functions. Press the button and apply the power, then:

- Release the button when green LED starts flashing, to reset RouterOS configuration to defaults.
- Release the button when the LED turns solid green to clear all configuration and defaults.
- Release the button after LED is no longer lit (~20 seconds) to cause a device to look for Netinstall servers (required for reinstalling RouterOS over the network).

Regardless of the above option used, the system will load the backup RouterBOOT loader if the button is pressed before power is applied to the device. Useful for RouterBOOT debugging and recovery

Accessories

Package includes the following accessories that come with the device:

- K-10 Fastening set for rackmount case.
- White rackmount bracket – 2 pcs.
- EU/US power cord, AC D03+QT3 H05VV-F 3×0.75mm², 1.83m RoHS – 2 pcs

Specifications

For more information about this product, specification and pictures please visit our web page:

https://mikrotik.com/product/crs326_24s_2q_rm

Operating system support

The device supports dual boot SwOS software version 2.9 and RouterOS v6. The specific factory-installed version number is indicated in the RouterOS menu /system resource. Other operating systems have not been tested.

Safety Notice



Electric shock hazard. This equipment is to be serviced by trained personnel only

MikroTik mobile app

Use the MikroTik smartphone app to configure your router in the field, or to apply the most basic initial settings for your MikroTik home access point. Scan QR code and choose your preferred OS.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.

Industry Canada

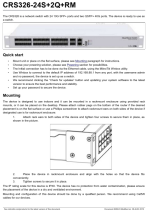
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device










Hereby, MikroTik SIA declares that the radio equipment type RouterBOARD is in compliance with Directive 2014/53/EU. The full text of the

EU declaration of conformity is available at the following internet address: <https://mikrotik.com/products>

Documents / Resources

	MikroTik CRS326 24S 2Q RM Cloud Router Switch [pdf] User Manual Cloud Router Switch, CRS326 24S 2Q RM
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References

-  [MikroTik Routers and Wireless - Products](#)
-  [MikroTik Routers and Wireless](#)
-  [MikroTik Routers and Wireless](#)
-  [MikroTik Routers and Wireless - Products: CRS326-24S+2Q+RM](#)
-  [Manual: System/Serial Console - MikroTik Wiki](#)
-  [Manual: TOC - MikroTik Wiki](#)
-  [MikroTik SFP module compatibility table - MikroTik Wiki](#)