

General Interface Settings

Document revision 1.1 (Fri Mar 05 08:08:52 GMT 2004)

This document applies to V2.8

Table of Contents

[Table of Contents](#)

[Summary](#)

[Related Documents](#)

[Description](#)

[Interface Status](#)

[Property Description](#)

[Example](#)

[Traffic Monitoring](#)

[Description](#)

[Notes](#)

[Example](#)

General Information

Summary

MikroTik RouterOS supports a variety of Network Interface Cards as well as some virtual interfaces (like VLAN, Bridge, etc.). Each of them has its own submenu, but there is also a list of all interfaces where some common properties can be configured.

Related Documents

- [Wireless Client and Wireless Access Point Manual](#)
- [Bridge Interfaces](#)
- [ARLAN 655 Wireless Client Card](#)
- [CISCO/Aironet 2.4GHz 11Mbps Wireless Interface](#)
- [Cyclades PC300 PCI Adapters](#)
- [Ethernet Interfaces](#)
- [EoIP Tunnel Interface](#)
- [FarSync X.21 Interface](#)
- [FrameRelay \(PVC, Private Virtual Circuit\) Interface](#)
- [IPIP Tunnel Interfaces](#)
- [ISDN \(Integrated Services Digital Network\) Interface](#)
- [L2TP Interface](#)
- [MOXA C101 Synchronous Interface](#)

- [MOXA C502 Dual-port Synchronous Interface](#)
- [PPP and Asynchronous Interfaces](#)
- [PPPoE Interface](#)
- [PPTP Interface](#)
- [RadioLAN 5.8GHz Wireless Interface](#)
- [VLAN Interface](#)
- [Xpeed SDSL Interface](#)

Description

The Manual describes general settings of MikroTik RouterOS interfaces.

Interface Status

Home menu level: */interface*

Property Description

name (*text*) - the name of the interface

status - shows the interface status

type (*read-only: arlan | bridge | cyclades | eoip | ethernet | farsync | ipip | isdn-client | isdn-server | l2tp-client | l2tp-server | moxa-c101 | moxa-c502 | mtsync | pc | ppp-client | ppp-server | pppoe-client | pppoe-server | pptp-client | pptp-server | pvc | radiolan | sbe | vlan | wavelan | wireless | xpeed*) - interface type

mtu (*integer*) - maximum transmission unit for the interface (in bytes)

rx-rate (*integer*; default: **0**) - maximum data rate for receiving data

- **0** - no limits

tx-rate (*integer*; default: **0**) - maximum data rate for transmitting data

- **0** - no limits

Example

To see the list of all available interfaces:

```
[admin@MikroTik] interface> print
Flags: X - disabled, D - dynamic, R - running
#   NAME      TYPE      RX-RATE  TX-RATE  MTU
0   R ether1   ether     0         0        1500
1   R bridge1  bridge    0         0        1500
2   R ether2   ether     0         0        1500
3   R wlan1    wlan      0         0        1500
[admin@MikroTik] interface>
```

Traffic Monitoring

Command name: */interface monitor-traffic*

Description

The traffic passing through any interface can be monitored.

Notes

One or more interfaces can be monitored at the same time.

Example

Multiple interface monitoring:

```
[admin@MikroTik] interface> monitor-traffic ether1,wlan1
  received-packets-per-second: 1      0
    received-bits-per-second: 475bps  0bps
      sent-packets-per-second: 1      1
        sent-bits-per-second: 2.43kbps 198bps
-- [Q quit|D dump|C-z pause]
```