# RIP23 - Radio VoIP gateway

Type designation: **RIP23**

PN (RN): **2316.100.01**

An accessory to RF2050 transceiver that provides connection between the transceiver and VoIP telephony supporting SIP protocol. Connection in the radio channel takes place in the frequency hopping mode secured by TRANSEC and COMSEC keys. RIP23 allows you to connect up to three base stations, enabling them to communicate in three independent radio channels. Selective connection to one of 98 participants or radio contact with all participants of the network can be established in all aforementioned radio channels. Simplex communication in the radio channel is controlled automatically by VOX keying (by the phone user) and PTT (by the radio network user). Notifications of free radio channels to the users are controlled by acoustic signals. RIP23 connects to LAN via standard Ethernet interface. VoIP gateway is configured via web interface by setting SIP and IP parameters. Through the web interface you can register terminal transceivers according to their own addresses in the selected registration mode.

## Technické parametry

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|---|---|
| **Podporované audikodeky** | G.711, G.722, GSM |
| **Protokoly** | SIP, SDP, RTP, RTCP, STUN, TURN, ICE, DHCP, DNS, UDP, TCP, NTP |
| **Počet portů pro základnové radiostanice** | 3 |
| **Počet koncových radiostanic** | max. 98/port |
| **Napájecí napětí (z radiostanice RF2050)** | 9 V |
| **Rozměry** | max. 184 mm x 45 mm x 145 mm [š x v x h] |
| **Hmotnost** | max. 1 kg |
| **Rozsah provozních teplot** | -30 °C až +70 °C |
| **Rozsah skladovacích teplot** | -40 °C až +70 °C |
| **Mechanické a klimatické odolnosti** | MIL-STD-810E |

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| **Elektromagnetická slučitelnost** | MIL-STD-461 |

# Průvodní dokumentace

| | |
|---|---|
| **Návod k obsluze RIP23** | 2316.010.01 |
| **Návod k obsluze RF13250E** | 2310.010.13 |
| **Krátký návod k obsluze RF13250E** | 2310.011.13 |
| **Záznamník** | 6000002011 |
| **Technický list** | 6000002021 |

# Components

| Type designation | PN (RN) | Name |
|---|---|---|
| RF13250E | 2310.100.13 | N/A |
| RIP23 | 2316.100.01 | Radio VoIP gateway |
| | 1050.620.01 | AF cable |
| | 1050.339.01 | Communication cable |
| | 1050.306.01 | ETHERNET cable |
| | 1050.126.02 | Power supply cable 3 m |
| | 2036.100.23, 2036.100.24 | 2.6 m VHF vehicle antenna |

# Accesories

| Type designation | PN (RN) | Name |
|---|---|---|
| RF13250E | 2310.100.13 | N/A |
| | 1050.620.01 | AF cable |
| | 1050.339.01 | Communication cable |
| | 1050.126.02 | Power supply cable 3 m |

| | | |
|---|---|---|
| | 1050.306.01 | ETHERNET cable |
| | 2036.100.23,<br>2036.100.24 | 2.6 m VHF vehicle antenna |
| | 2036.100.36 | Vehicle antenna VHF/UHF 2.7 m |
| | 2036.100.40 | 1.88 m VHF vehicle antenna |
| | 2036.100.38 | Groundplane antenna |
| | 2036.100.18 | Discon antenna |
| | 2036.100.20 | Telescopic winch driven mast 10 m |
| | 2036.100.39 | Antenna mast |
| PK1302 | 2320.000.20 | Fill gun set |
| RM1301 | 2009.100.01 | Handheld microphone/speaker |
| RF13.3 | 2022.100.51 | Handset |
| | 2026.700.01 | Handset holder |
| | 2310.270.01 | Cooling block |
| | 7007.100.14 | Mobile set frame |
| | 7007.100.72 | Frame |
| | 1050.993.01 | Grounding |