



ROTON

IP interfaces description

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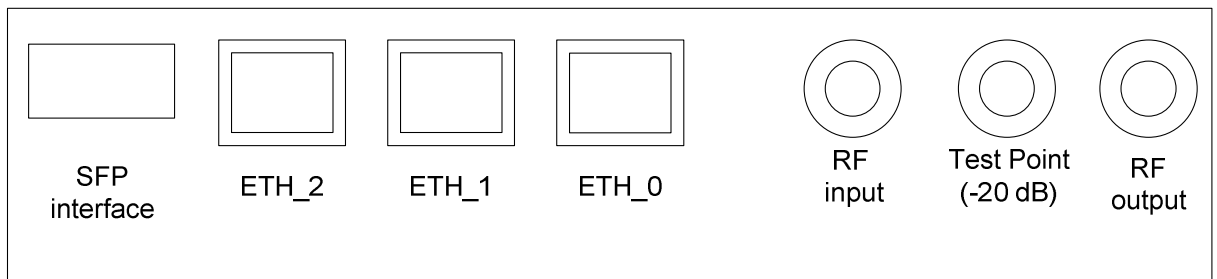
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1. ROTON physical IP interfaces:

IP interfaces are located on the device rear panel and are as follows:

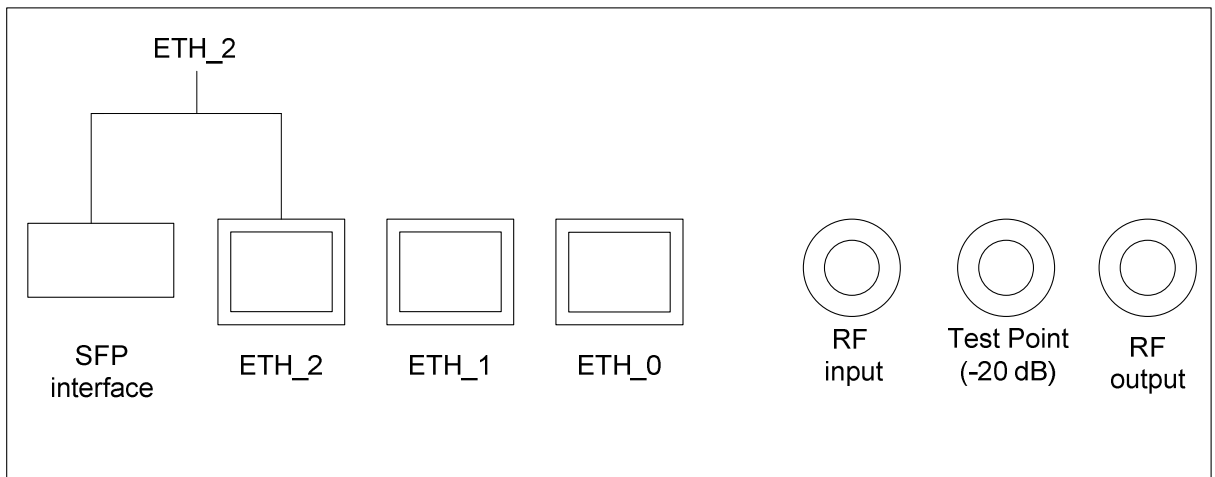
- **ETH_0** interface – dedicated to device management
- **ETH_1** interface – dedicated to IP streams
- **ETH_2** and **SFP** interfaces – dedicated to IP streams

In order to locate each of them, please refer to the screen below:



2. SFP and ETH_2 internal connection:

Inputs SFP and ETH_2 are connected internally – from the network point of view there are seen as one interface:



ETH_2 is the preferred input port - if a connection is established (link-up), ROTON doesn't take into account any traffic from SFP interface. It happens only when ETH_2 link is down and traffic connected to SFP interface.

Please keep in mind both ETH_2 and SFP interfaces are dedicated to IP streams.

3. IP interfaces open ports:

The following ports are open on every IP port:

- 31337 – dedicated to SSH
- 161 – dedicated to SNMP
- 80 – dedicated to HTTP protocol (WEB access)

4. IP interfaces link speed:

The speed of each IP interface is as follows:

- ETH_2 – 1 Gb/s
- ETH_1 – 1 Gb/s
- ETH_0 – 100 Mb/s

5. Forbidden Unauthorized IP Address:

The following addresses are reserved for ROTON internal communication and cannot be assigned to IP interfaces:

- 192.168.2.0/24
- 172.16.0.0/24