Outdoor Units of InfiNet Wireless R5000

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InfiNet Wireless R5000-Smn

Detailed information about each **R5000-Smn** part number you can find at InfiNet Wireless web-site: InfiLINK 2x2 (PtP products) and InfiMAN 2x2 (PtMP products)

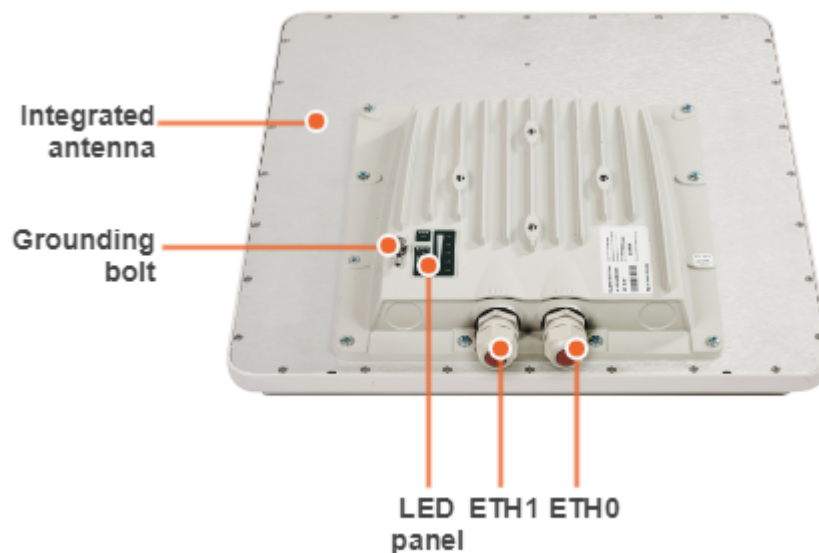**InfiNet Wireless R5000-Smn** units top views with indicator panels are below:

Figure - R5000-Smn top view with indicator panel

Figure - R5000-Smn top view with indicator panel

Device status description according to LED modes is given in section "ODU LED indicators description".

InfiNet Wireless R5000-Lmn

Detailed information about each **R5000-Lmn** part number you can find at InfiNet Wireless web-site: InfiLINK 2x2 (PtP products) and InfiMAN 2x2 (PtMP products).

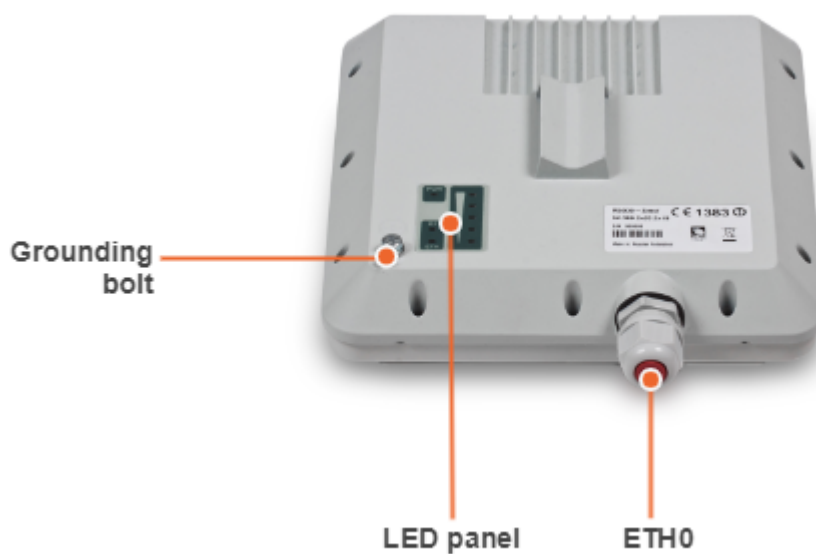**InfiNet Wireless R5000-Lmn** units top view with indicator panel is below:

Figure - R5000-Lmn top view with indicator panel

Device status description according to LED modes is given in section "ODU LED indicators description".

InfiNet Wireless R5000-Qmxb

Detailed information about each **R5000-Qmxb** part number you can find at InfiNet Wireless web-site: InfiMAN 2x2 (PtMP products).

InfiNet Wireless R5000-Qmxb units front panel view is below:

Figure - R5000-Qmxb front panel view

Device status description according to LED modes is given in section "ODU LED indicators description".

InfiNet Wireless R5000-Mmx

Detailed information about each **R5000-Mmx** part number you can find at InfiNet Wireless web-site: InfiLINK 2x2 (PtP products) and InfiMAN 2x2 (PtMP products).

InfiNet Wireless R5000-Mmx units front panel view is below:

Figure - R5000-Mmx front panel view

Device status description according to LED modes is given in section "ODU LED indicators description".

InfiNet Wireless R5000-Omx

Detailed information about each **R5000-Omx** part number you can find at InfiNet Wireless web-site: InfiLINK 2x2 (PtP products) and InfiMAN 2x2 (PtMP products).

InfiNet Wireless R5000-Omx units front panel view is below:

Figure - R5000-Omx front panel view

Device status description according to LED modes is given in section "ODU LED indicators description".

ODU LED indicators description

R5000-Qmxb, **R5000-Mmx** and **R5000-Omx** models have two LED indicators (red and green) located in the Console connector. These LEDs are useful in monitoring the device status during the installation procedure. LEDs modes and Device status correspondence is shown in the following table:

Red indicator	Green indicator	Device status
Off	Off	Device is switched off of in the process of start-up booting
Off	Blinking	Device is booted. No radio connection. Searching for another device to establish radio connection to
Blinking	On	Radio connection established. The more data is transmitted through the radio channel the more frequently red indicator is blinking

Table - LEDs modes and device status of R5000-Qmxb, R5000-Mmx and R5000-Omx models

R5000-Smn and **R5000-Lmn** models have a special LED indicator set located at the back of each device designed to provide basic status information:

LED	Status	Device Status
PWR	On	The device is powered on
RF	Blinking	RF-link is being established
	On	RF-link established
ETH	On	Wired link established
Signal level		This scale displays current RF signal level and is designed to provide assistance in device alignment and link quality estimation. The scale is based on the SNR RX level, the threshold values for the indicator: 4, 8, 16, 30, 40 dB. The more often indicator flashes, the better quality of the connection.

Table - LEDs modes and device status of R5000-Smn and R5000-Lmn models

Part number description

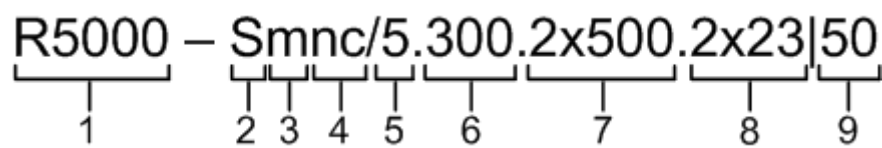**InfiLINK 2x2 / InfiMAN 2x2** part numbers have the following structure

Figure - Part number structure

Structure items are described below

Item	Description
1	• Product family name • **R5000** - InfiLINK 2x2, InfiMAN 2x2

2	• Model type
	• **L** - PtMP topology - subscriber terminal / PtP - medium performance subscriber terminal InfiLINK 2x2 LITE unit. With 2x N-type (Female) antenna ports
	• **M** - PtMP topology - InfiMAN 2x2 base station sector / PtP - high-performance InfiLINK 2x2 PRO unit. With an integrated antenna
	• **O** - PtMP topology - InfiMAN 2x2 base station sector / PtP - high-performance InfiLINK 2x2 PRO unit. With 2x N-type (Female) antenna ports
	• **Q** - PtMP topology - InfiMAN 2x2 base station sector with an integrated beamforming antenna
	• **S** - PtMP topology - subscriber terminal / PtP - medium performance subscriber terminal InfiLINK 2x2 LITE unit. With an integrated antenna
3	• **m** - MIMO radio technology
4	• Optional features (where applicable). Possible values (can be combined):
	• **x** - Gigabit (1000BASE-T) Ethernet port (H08 hardware platform)
	• **g** - Gigabit (1000BASE-T) Ethernet port (H06 hardware platform)
	• **e** - with the second Fast Ethernet port (100BASE-T) (only for H05 hardware platform)
	• **p** - second Fast Ethernet port (100BASE-T) and with PoE out (only for H07 hardware platform)
	• **t** - extended temperature range (-55°C ... +60°C)
	• **c** - subscriber terminal for PtMP topology (cannot be a "master")
	• **b** - base station sector for PtMP topology
	• **n** - H11 hardware platform with increased motherboard performance (vs. H07 hardware platform)
	• **s** - additional radio module for iDFS (Instant DFS) function
	• **w** - additional access point 802.11g (Wi-Fi) functionality
5	• Frequency range:
	• **3** - device in the range of 3 GHz
	• **5** - device in the range of 5 GHz
	• **6** - device in the range of 6 GHz
6	• Maximal bitrate, Mbit/s
7	• Maximal transmit power, mW. "2x" - specified for two transmit channels (MIMO technology)
8	• Antenna gain, dBi. "2x" - specified for two transmit channels (MIMO technology)
9	• Maximal Ethernet port throughput, Mbit/s (available not in all part numbers)

Table – Part number description

> ⚠ **NOTE**
>
> Units may also be marked as "LITE" and "PRO", where "PRO" - units that operate at greater distance and with higher performance. "LITE" refers to R5000-Smn and R5000-Lmn models, "PRO" - R5000-Mmx and R5000-Omx.