Title

Units Numbering Convention

Successfully pass the free certification exam at IW Academy and become an Infinet Certified Engineer.

To the certification exam

InfiLINK 2x2 / InfiMAN 2x2

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

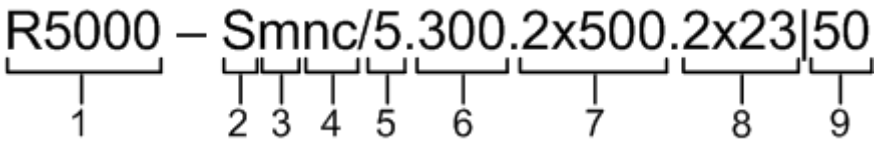


Figure - Part number structure

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)

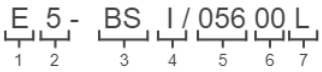
Table - Part number description

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.

InfiLINK Evolution / Evolution

InfiLINK Evolution / **InfiMAN Evolution** part number has the following structure



Structure items are described below

Item	Description
1	Product family name: • **E** - InfiLINK Evolution / InfiMAN Evolution.

2	Frequency range:
	• **5** - device in the range of 5 GHz.
	• **6**
	  • base station sector in the range of 6 GHz .
	  • subscriber terminal in the ranges of 5 and 6 GHz.

3	• **BS** - base station sector. • **ST** - subscriber terminal or PTP device.

4	Antenna gain. Base Station Sectors: • **I** - integrated antenna with 16 dBi gain; • **Q** - integrated antenna with 21 dBi gain; • **E** - devices for an external antenna connection. Subscriber Terminals and PTP devices: • **18** - integrated antenna with 18 dBi gain; • **23** - integrated antenna with 23 dBi gain; • **25** - integrated antenna with 25 dBi gain; • **28** - integrated antenna with 28 dBi gain; • **E** - devices for an external antenna connection.
5	Hardware version
6	Model revision

7	Additional options:
	
	• **t** - extended temperature range: -55 ... +60 ºC.
	• **c**- subscriber terminal for PtMP topology (cannot be a "master").
	• **L** - Base Btation Sectors lite version with limited functionality:
	  • Throughput: up to 360 Mbps.
	  • Channel width: 20, 40 MHz.
	  • Maximum number of simultaneous subscribers supported: 10.

InfiLINK XG / InfiLINK XG 1000

InfiLINK XG / InfiLINK XG 1000 part numbers have the following structure

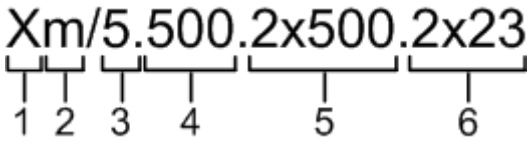


Figure - Part number structure

Structure items are described below

Item	Description

1	• Model type
	  • **X** - PtP topology with integrated antenna
	  • **U** - PtP topology with 2x N-type (Female) antenna ports

2	• **m** - MIMO radio technology

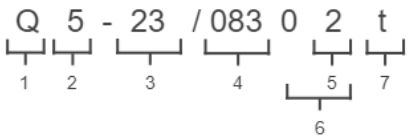
3	• Frequency range:
	  • **2** - device in the range of 2 GHz
	  • **3** - device in the range of 3 GHz
	  • **4** - device in the range of 4 GHz
	  • **5** - device in the range of 5 GHz
	  • **6** - device in the range of 6 GHz

4	• Capacity, Mbit/s
5	• Maximal transmit power, mW. “2x” - specified for two transmit channels (MIMO technology)
6	• Antenna gain, dBi. “2x” - specified for two transmit channels (MIMO technology)

Table - Part number description

Quanta 5 / Quanta 6

Quanta 5 / **Quanta 6** part number has the following structure

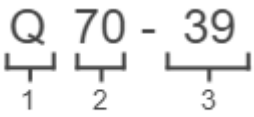


Structure items are described below

Item	Description
1	Product family name: • **Q** - Quanta.
2	Frequency range: • **5** - device in the range of 5 GHz. • **6** - device in the range of 6 GHz.
3	Antenna gain: • **18** - integrated antenna with 18 dBi gain; • **23** - integrated antenna with 23 dBi gain; • **25** - integrated antenna with 25 dBi gain; • **28** - integrated antenna with 28 dBi gain; • **E** - devices for an external antenna connection.
4	Hardware version
5	• **0** - models supporting 40 MHz; • **1** - models supporting 50 and 56 MHz channel widths; • **2** - models with two ports, Ethernet and SFP, and supporting 50 and 56 MHz channel widths.
6	Firmware version: • **00**, **01** - firmware version 1855 for Quanta 5; • **02**, **11** - firmware version 1855-02 for Quanta 5. • **01, 02, 11** - firmware version 1861 for Quanta 6.
7	Additional options: • **t** - extended temperature range: -55 ... +60 ºC.

Quanta 70

Quanta 70 part number has the following structure



Structure items are described below

Item	Description
1	Product family name: • **Q** - Quanta.
2	Frequency range: • **70** - device in the range of 70 GHz.
3	• **39** - antenna with 39 dBi gain; • **50** - antenna with 50 dBi gain.