

# InfiLINK Evolution / InfiMAN Evolution



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**InfiLINK Evolution / InfiMAN Evolution** product families were designed thanks to a combination of innovative technology, high reliability and the advanced functionality of the fieldproven InfiLINK 2x2 and InfiMAN 2x2 families. **InfiLINK Evolution / InfiMAN Evolution** wireless solutions are ideal for deployment in PointtoPoint and PointtoMultipoint network topologies, especially to ensure seamless connection of nomadic and mobile units to central office. The new base station provides a sector capacity of up to 800 Mbps, enabling wireless operators of all sizes to not only deploy new infrastructures but also to extend the capacity of their existing networks. **InfiLINK Evolution / InfiMAN Evolution** devices have full backward compatibility with previous generation of InfiLINK 2x2 and InfiMAN 2x2 families wireless systems.

## About This Manual

This manual provides detailed technical information for the **InfiLINK Evolution / InfiMAN Evolution** families devices, including system specifications, installation, commissioning, maintenance and troubleshooting.

The document is intended to be used by qualified RF engineers/technicians and IT professionals. Qualified personnel should have skills and experience with:

- Outdoor/indoor radio equipment installation
- Outdoor wireless networks
- TCP/IP networking protocols
- Safety procedures and instructions for installing antenna equipment
- Professional manipulation with electrical equipment and accessories
- Safety procedures and instructions for working at height.

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## Disposal instructions



This symbol means that this product is subject to Waste of electrical and electronic equipment (WEEE) regulations. Do not dispose of your product with other regular/household waste. Instead, hand over your waste equipment to a designated collection point for recycling.

## Compliance Information

This equipment has been tested and found to comply with the limits for a [Class B digital device](#), pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against [harmful interference](#) in a residential installation. This equipment generates, uses and can radiate [radio frequency energy](#) and, if not installed and used in accordance with the instructions, may cause [harmful interference](#) to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause [harmful interference](#) to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

In accordance FCC 15.21, changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator&human body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



NOTE



On the territory of the European Union, following applies:

- the equipment is intended for outdoor use only;
- in the band 5470-5725 MHz, choice of the transmit power and antenna gain (in case of devices with detachable antenna) shall be such that the equipment still complies with the EIRP limit and EIRP density limit. EIRP limit in that band is 1W (30dBm), EIRP density limit is 50mW/MHz (17dBm/MHz);
- In the band 5725-5875 MHz, choice of the transmit power and antenna gain (in case of devices with detachable antenna) shall be such that the equipment still complies with the EIRP limit and EIRP density limit. EIRP limit in that band is 4W (36 dBm), EIRP

density limit in that band is 200mW/MHz (23dBm/MHz).

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