

# Getting started with User Manual



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

[To the certification exam](#)

## Document structure

This document consists of the following chapters:

- [“Getting started with User Manual”](#) - This chapter presents the information about this document’s purpose and structure.
- [“Hardware Description”](#) - This chapter describes the hardware, accessories and technical specifications of the unit.
- [“Installation Procedure”](#) - This chapter describes the steps to be taken when installing the equipment at the installation sites and installation site requirements.
- [“Commissioning”](#) - This chapter presents the actions and operations required for the initial setup of an operational point-to-point link using these units.
- [“Operation & Administration”](#) - This chapter presents the functionalities of the web interface, a simple and efficient way to monitor the device status, configure and maintain the equipment.
- [“Troubleshooting”](#) - This chapter presents the actions to be followed when investigating an occurred problem.

## Abbreviations

The following abbreviations are used in this document:

- AC - Alternating Current
- AMC - Automatic Modulation Control
- BOM - Bill of Materials
- BS - Base Station
- CCTV - Closed Circuit Television
- CINR - Carrier to Interference + Noise Ratio
- CPE - Customer Premises Equipment
- DHCP - Dynamic Host Configuration Protocol
- DC - Direct Current
- ERC - Emergence Repair Console
- ETH - Ethernet
- FDD - Frequency Division Duplexing
- FTP - File Transfer Protocol
- GUI - Graphical User Interface
- HTTP - Hyper Text Transfer Protocol
- HTTPS - HyperText Transfer Protocol Secure
- IDU - Indoor Unit
- IGMP - Internet Group Multicast Protocol
- IPTV - Internet Protocol Television
- LAN - Local Area Network
- LED - Light Emitting Diode

- LOS - Line of Sight
- LPU - Lightning Protection Unit
- MCS - Modulation and Coding Scheme
- MIB - Management Information Base
- MIMO - Multiple Input Multiple Output
- NLOS - Non-Line of Sight
- ODU - Outdoor Unit
- PCP - Priority Code Point
- PoE - Power over Ethernet
- PtMP - Point to MultiPoint
- PtP - Point-to-Point
- QAM - Quadrature Amplitude Modulation
- QoS - Quality of Service
- QPSK - Quadrature Phase Shift Keying
- RF - Radio Frequency
- RSSI - Received Signal Strength Indicator
- SFP - Small Form-factor Pluggable
- SNMP - Simple Network Management Protocol
- SNTP - Simple Network Time Protocol
- STP - Spanning Tree Protocol
- TCP - Transmission Control Protocol
- TDD - Time Division Duplexing
- Telnet - Trminal Network
- UDP - User Datagram Protocol
- VLAN - Virtual Local Area Network
- WRR - Weighted Round Robin

## Document marks



### CAUTION

All caution warnings are marked with a special warning sign. One should pay a great deal of attention to what is written in the Caution section.



### NOTE

All notes are marked with a special note sign. Notes usually contain useful comments or hints to the described section of the document.