InfiLINK XG Xm/3X.500.2x500.2x22

Description	InfiLINK XG Xm/3X.500.2x500.2x22, 3 GHz point-to-point unit, net throughput up to 500 Mbps, integrated dual-pol antenna, 22 dBi, 12x12 deg
Net throughput	up to 500 Mbps
Recommended distances	up to 30 km
Radio technology	MIMO 2x2, Cyclic single carrier
Modulation coding schemes	from QPSK 1/4 to QAM1024 8/10
Transmit power	up to 27 dBm
Receiver sensitivity	down to -93 dBm
Frequency range	3100-4010 MHz
Channel width	10, 20, 40 MHz
Center frequency adjustment step	1 MHz
Duplex scheme	TDD, Hybrid-FDD
Antenna	22 dBi
Wired Interfaces	2x GigabitEthernet, SFP

InfiLINK XG Xm/3X.500.2x500.2x22

Consumption	up to 30 W
Power options	90-240 VAC @ 50/60 Hz, 43..56 VDC
Outdoor Unit (ODU)	371 x 371 x 89 mm, 3.3 kg
Packing List	– Outdoor unit Xm/3X.500.2x500.2x22 - 1 pcs. – Power Supply IDU-BS-G(60W) - 1 pcs. – Power Cord - 1 pcs. – Cable Gland for RJ-45 - 2 pcs. – Cable Gland for optical cable - 1 pcs. – Standard RJ-45 connector - 2 pcs. – Shielded RJ-45 connector - 1 pcs. – RJ-45 Plug Cap - 1 pcs. – MONT-KIT-85 Mounting kit - 1 pcs. – Quick Start Guide - 1 pcs.

2020 InfiNet Wireless. All rights reserved.

InfiNet Wireless
sales@infinetwireless.com
www.infinetwireless.com

InfiLINK XG Xm/3X.500.2x500.2x22

Features

RADIO

▸ **Best-in-breed spectral efficiency**
  — up to 14 bps/Hz
  — real throughput in excess of 130 Mbps in just 10 MHz of spectrum

▸ **High transmit power and perfect sensitivity even at the highest-order modulations**
  — Reliable signal receiving in both LOS and NLOS conditions

▸ **Superior interference and noise immunity**
  — High-selectivity receiver with channel filtering cuts off in-band interference

▸ **TDD synchronization using a built-in GNSS receiver**

NETWORKING

▸ **Built-in full-fledged L2 switch supporting VLAN and STP**

▸ **Transparent L2 transport for Ethernet traffic of any type**

MANAGEMENT FEATURES

▸ **Web-based graphical user interface**

▸ **Command line interface**

▸ **SNMP v1/2c/3 support (MIB-II and proprietary MIBs)**

▸ **Centralized monitoring using EMS InfiMONITOR.**

QUALITY-OF-SERVICE

▸ **QoS support:**
  — 4 priority queues: strict and weighted prioritisation
  — Classification based on IEEE 802.1p
  — Egress rate limiting on each network port

INSTALLATION AND DIAGNOSTIC TOOLS

▸ **LED indication**
  — power status
  — wired and wireless link status
  — received signal strength indication
  — TDD sync status

▸ **Web GUI tools**
  — antenna alignment tool
  — spectrum analyzer

InfiNet Wireless
sales@infinetwireless.com
www.infinetwireless.com

InfiLINK XG Xm/3X.500.2x500.2x22

Features

ENVIRONMENTAL

▶ **Outdoor unit:**
— Operating temperature range –40..+60°C, (can be extended to -55..+60°C, models with "t" index in PN)
— IP66/IP67 compliant water and dust protection

▶ **Indoor unit:**
— 100-240 VAC ~ @ 50/60 Hz or ±43..±56 VDC, 802.3at compliant
— power consumption up to 60 W

STANDARD COMPLIANCE

▶ **Safety:**
— EN 60950-1:2006, UL 60950-1 2nd ed.

▶ **Radio (pending):**
— EN 302 326-2

▶ **EMC:**
— ETSI EN 301 489-1, ETSI EN 301 489-17, FCC Part 15 Class B

▶ **RoHS:**
— Directive 2011/65/EU