

OSBRIDGE XL

Product Line Specifications:



| Interface | |
|------------------------|--|
| Ethernet Interface | 100 base-T Ethernet (RJ-45) with POE |
| Wired LAN Protocol | IEEE 802.3 (CSMA/CD) |
| Wireless Interface | |
| OSBRIDGE 24XLGi | Integrated Panel Antenna, V or H Polarized |
| OSBRIDGE 24XLG | N Female Connector |
| Wireless LAN Protocol | IEEE 802.11b, IEEE 802.11g |

| Radio | |
|--|---|
| Frequency | 2400 – 2483,5 MHz, 13 Channels |
| Modulation Technique | DSSS (CCK, DQPSK, DBPSK), OFDM (BPSK, QPSK, 16-QAM, 64-QAM) |
| Media Access Protocol | CMSA/CA (Collision Avoidance) with ACK |
| Output Power | ETSI |
| OSBRIDGE 24XLGi | ≤+20 dBm EIRP |
| OSBRIDGE 24XLG | ≤+12 dBm at N connector |
| | FCC |
| | ≤+25 dBm EIRP |
| | ≤+17 dBm at N connector |
| Data Rate (Mbps) | 54 48 36 24 18 12 11 9 6 5.5 2 1 |
| Typical Receive Threshold | |
| OSBRIDGE 24XLGi (dBm) (including integrated antenna) | -83 -84 -86 -88 -91 -93 -96 -95 -101 -102 -103 -106 |
| OSBRIDGE 24XLG (dBm) | -72 -73 -75 -77 -80 -82 -85 -84 -90 -91 -92 -97 |

| System | |
|---------------|-----------------------------|
| Processor | Realtek RTL8186 200MHz MIPS |
| Memory | 2MB NOR FLASH, 16MB SDRAM |
| RF Module | RTL8225 |

| Physical | |
|---------------------------------|---|
| Dimensions | 140 mm X 195 mm X 70 mm |
| Operating / Storage Temperature | -40°C - +60°C / -40°C - +75°C |
| Enclosure | Outdoor Mountable, Weather Protected |
| Power Adapter | Included 12V/1.2A DC, Active Ethernet (Power over Ethernet injector included) |
| LEDs | 3 – Power, Ethernet LAN Activity, Wireless Activity |

| Dedicated External Antennas | |
|------------------------------------|--|
| Model | Type |
| OSBRIDGE 24XLG | <ul style="list-style-type: none"> - AS-11 11 dBi 120° Horizontal Polarized Sector Antenna, - AS-9 9.5 dBi 180° Vertical Polarized Sector Antenna, - AD-1 11 dBi 360° Horizontal Polarized Omni Antenna, - AY-2 11 dBi High Performance Directional Yagi Antenna. |

| Software | |
|-----------------|---|
| Key Features | <ul style="list-style-type: none"> - Wireless Operating Modes: Access Point, Access Point Client, WDS - IP Operating Modes: Bridge, Router, NAT Router - Independent Uplink/Downlink Traffic Shaping based on MAC address, IP address or whole IP Subnet - Built in powerful firewall that allows filtering traffic based on MAC address, IP address, Port or Protocol - Link Quality reporting - Built in PPPoE client |
| | <ul style="list-style-type: none"> - MAC address filtering - Inter-Client traffic disable - Hardware Watchdog to ensure uninterrupted operation - DHCP Client and Server - User selectable Fragmentation / RTS threshold - Extensive link statistics |

| Regulatory Compliance | |
|------------------------------|---|
| OSBRIDGE 24XLGi | CE mark, ETSI EN 300 328 compliant, FCC Part 15 Compliant |
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| Warranty | |
|-----------------|-------------------|
| | One year, limited |

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