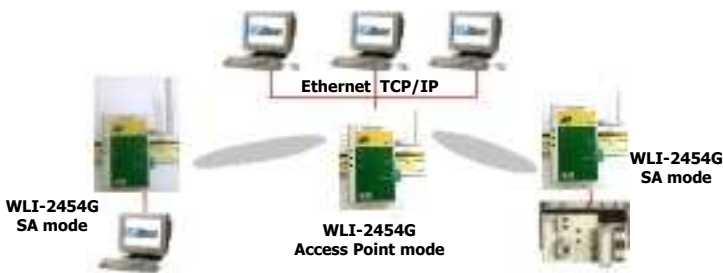


- IEEE 802.11g/b (1-54Mbps)
- Multi-feature : Access point, Station Adapter, WDS and Ad-Hoc
- Metal case for DIN rail mounting
- WEP and WPA encryption for data security
- MAC address filtering
- Configuration with Windows-based utility or Web browser
- Configuration backup
- Designed for industrial environment
- Connector for external antenna



The **WLI-2454G** Wi-Fi interface is designed for applications requiring sturdiness and reliability in industrial environment. It is fully compliant with the **IEEE 802.11b** standard. With its RJ45 connector, it enables communication between industrial Ethernet devices (PCs, PLCs, I/Os, CNCs, displays, etc.) through a wireless Ethernet structure using the 2.4GHz band in DSSS. One external antenna can be connected to its SMA-RP connector. Its installation is very simple: Windows-based utility or Web browser for configuration and management. The 10-30VDC power supply is connected through screw-cage plug connector. The compact metal case is designed for DIN rail mounting. This product has been successfully tested with industrial Ethernet protocols (PLCs from Schneider, Siemens, Allen Bradley, ...).



Recommended antennas



- | | | | |
|---|---|---|---|
| ANT2400-14S
¼ wave l.
For cabinet | ANT2400-04
4dBi-N connector
Remote ant. | ANT2400-010
10dBi-N connector
Pole mounting | ANT2400-P9
9dBi pannel
Directive ant. |
|---|---|---|---|

SPECIFICATIONS

RADIO INTERFACE

- Standard : IEEE 802.11g/b (Wi-Fi 1-54Mbps)
- Frequency band : 2.412-2.472GHz (Europe)
2.412-2.462GHz (USA)
2.412-2.484GHz (Japan)
- Technology : DSSS
- Chipset : Marvell 88W8510H
- Modulation:
802.11g: OFDM: 64QAM, 16QAM, QPSK, BPSK
802.11b: CCK (11M), DQPSK (5.5M), DBPSK (1M)
- EIRP : 15 dBm
- Sensibility in reception : -82 dB@11 Mbps

ETHERNET INTERFACE

- 1 - 10/100 BaseT port (RJ45)
- IEEE802.3 Standard

MODE

- Infrastructure mode : Access Point, Station Adapter or WDS (Access Point + Repeater)
- Ad-Hoc mode

NETWORK PRIVACY & SECURITY

- 40 or 128-bit WEP or WPA-PSK encryption
- MAC address filtering
- « No see » feature (for Hot-Spots)
- Access with password

POWER SUPPLY

- External 10-30VDC on screw-cage clamp
- Consumption : 200mA @12 VCC max.

ENCLOSURE

- IP54 metal case
- DIN rail mounting
- Dimensions (hwxwx) : 105x60x50mm
- Weight : 250 g

ANTENNA

- 1 SMA-RP antenna connector (Reversed Polarity)
- Whip antenna included (0dB)

ENVIRONMENT

- Operating temp. : -10 to +50°C
- Storage temp. : -20 to +65°C
- Humidity : 95% non-condensing

NORMALISATION

- CEM ETSI EN301489, EN55022, EN61000 guidelines
- EN60950 Low Power
- CE EN301489, EN 300328

LEDS & MISCELLANEOUS

- Power supply LED
- Wi-Fi LED
- Ethernet LED (RJ45)
- Reset button (Factory default settings)

CONFIGURATION & MANAGEMENT

- Windows-based utility or Web browser

