

# INDUSTRIAL WIFI

## 240U-E Wireless Ethernet



The 240U-E provides reliable and secure high-speed wireless Ethernet connectivity across a broad range of applications in process and automation plants.

- **802.11b** compliant 2.4 GHz license-free, wireless data up to 11Mb/s
- Connects to PLC's, HMI, DCS, data acquisition, video devices and industrial PC's

### Greater flexibility in one unit

Each module can be configured as a

<input checked="" type="checkbox"/> Access Point	<input checked="" type="checkbox"/> Bridge	<input checked="" type="checkbox"/> Repeater
<input checked="" type="checkbox"/> Client/Station	<input checked="" type="checkbox"/> Router	

The 240U-E has an Ethernet port (10/100 BaseT) as well as two serial ports (RS232 and RS485) and on-board I/O for local and remote link status, or external status transfer.

### Industrial strength for industrial applications

The 240U-E has been designed and built for demanding industrial applications.

- **Reliable data transfer** in congested industrial environments - high RF power and receiver sensitivity
- **Industrial ratings**, -35 degC to 65 degC, humidity to 99% - designed for demanding applications
- **Secure data transfer**, military grade 128-bit AES encryption, plus commercial grade WEP encryption
- **Firewall protection** via message filtering at MAC address level
- **Redundancy** for critical applications, automatic changeover at Access Point
- **Easy to use** configuration and powerful diagnostics via web-browser
- **Remote configuration** and diagnostics via the wireless link.

### Long & short range applications

- **High RF output** (100 or 300 mW) and superior receiver sensitivity gives excellent penetration in congested industrial environments, through buildings, factory walls and steelwork.
- **Repeater functionality** increases wireless range even further

### Lifetime Warranty & first-class technical support

ELPRO's industry-first **Lifetime Warranty** with 24 hour telephone technical support means you can use the 240U-E with confidence.



