

## Wireless Ethernet Bridge

**Digilinc wireless ethernet bridge enables high speed data or video links to be transmitted across distances of up to 20km with line of sight.**

The system eliminates the costs, disruptions and delays that the laying of hard wire provides. Incorporating 11 Mbps bandwidth and direct sequence spread spectrum technology, a frequency of 5.15 to 5.85Ghz provides powerful, reliable and secure transmissions in assorted weather circumstances.

Built around ethernet technology, Digilinc is very effective in providing a wireless local area network link between commercial and residential communities.

Digilinc supplies brilliant ease of use, including on-site survey tools for easy installation and trouble free maintenance. Partnered with a wealth of features including a built-in lightning protector and housed in a robust metal case for complete outdoor application, the system is unrivalled.

The system can be configured to work in line with V.O.I.P., SKYPE and P.S.N.C. technologies.

Typical applications include wireless monitoring & surveillance of CCTV (including remote switching & control of cameras), feed response for Aquaculture (wirelessly monitor and control feed response cameras, including the benefit of linking into automated feed systems), enterprise network expansion (building to building links or campus networks) and temporary installations.

### SPECIFICATION

- > Five operational modes
- > Point-to-point, Point-to-multipoint
- > Remote connectivity - Images can be viewed on laptops, mobile phones etc. - RS232 / 485 interface control of pan, tilt and zoom cameras, feeder etc.
- > Transmission - Monochrome & colour
- > I.P. rating - I.P. 67 (camera end only)
- > Licensing - No licenses required
- > Built in audible alignment
- > Test link
- > Maximum line of sight range - Up to 20km (dependant upon local topography)
- > Camera inputs - 1 to 32 (expandable with additional unit)
- > Monitor outputs - Maximum of 2 per unit
- > Bandwidth - 11Mbps
- > WDS (AP + Repeater)
- > IP router + NAT
- > WEB configuration
- > Power input - Most standard power inputs can be accommodated. Compliant to IEEE802.11a & IEEE802.3af
- > Maximum RF power - 40dBm
- > Security - Password protection and WEP 152 encryption WEP 64/128/152 bits

