

# Datacom Technology Ltd

## RF- Link 5000.16 Point To Point Low Power Radio System

### Features:

- Master unit - 16 digital inputs & 16 digital outputs.
- Slave unit – 16 digital inputs & 16 digital outputs.
- Full 2 way communication between master & multi slave units.
- Operating distance up to 5000m line of sight.
- LED indication for inputs, outputs, power, run, radio transmission & communications fail.
- Communications fail output relay.
- Low voltage DC supply.
- Low power consumption.
- Internal battery backup.
- IP65 enclosure.
- Whip antenna's fitted as standard.
- Cable glands for external connection to site equipment.
- Plug in connectors for ease of wiring
- Small size for simple installation.
- Uses the latest RF Technology for system security.
- No programming required.
- Low power radio that is licence free.
- **For use in non hazardous areas & non safety critical applications.**

### Specification:

- Inputs – volt free.
- Outputs – volt free relay contacts rated @ 0.5A / 28VDC.
- Range – up to 5000m line of sight.
- Power supply – 12 to 24VDC.
- Maximum power consumption – 400mA @12VDC.
- RF power output – 26dBm @ 869.50MHz.
- Internal battery – rechargeable giving up to 20 minutes backup.
- Enclosure – ABS, 155x85x55mm, IP65 rating.
- Antenna – ¼ wave whip with SMA male fitting.
- Weight - 350g approx.
- Operating temperature - 0 to 50 degrees C.
- Cable gland connection.

### Certification:

- EN 301 489-3.
- EN 300 220-3.
- EN 300 489.
- EN 60950.
- CEPT 70-03 Recommendation.
- R&TTE compliance (1999/5/EC Directive).
- Low Voltage Directive (LVD) 2006/95/EC.



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