Timespace WiFi 100

DRIVING SECURITY

The WiFi 100 Bridge / Router has been developed by Timespace specifically for use in vehicles. Designed for easy installation and long-term availability, the WiFi 100 provides fast access point switching for LANLink operation in busy vehicle depots.

General Features

- Wireless adaptor for use with Timespace X and V series digital video recorders
- Bridge mode for basic WiFi connection or Routed mode for use with IBUS
- 12V input via Molex connector or Power over Ethernet (PoE) to port 1
- 250mA operating current at 12 volts
- 802.11n WiFi (150Mbps), 4 port Ethernet sockets (100Mbps)
- Supplied with: mounting Screws, 2m Ethernet cable, 4 way Molex connector, Antennas
- CE, E-Mark approvals, RoHS, ISO 9001: 2015, WEEE
- -10 to 50°C operating temperature range
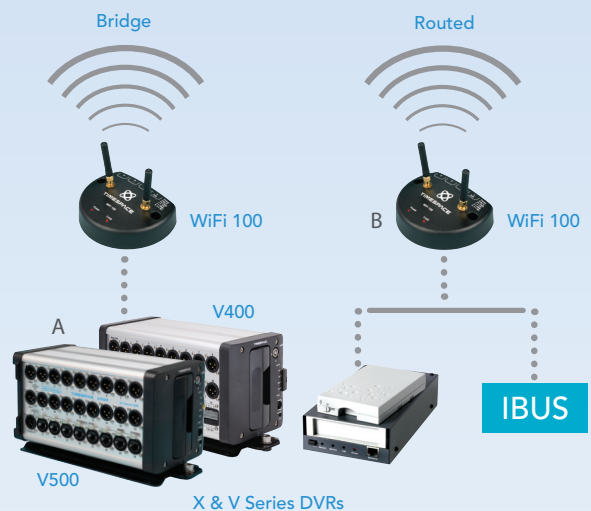
Connections / Interfacing

- Power LED lit when powered via Molex or PoE
- Connection LED status;
    - OFF – Not Authenticated
    - SOLID – Authenticated

Configuration

1 Download the WiFi 100 configuration utility – **www.tspace.co.uk/wifi100**
2 Connect a PC to one of the Ethernet sockets using a standard network cable
3 The WiFi 100 utility will auto-detect any connected devices and populate the Select Unit box
4 Select a unit to configure
5 The WiFi 100 utility will auto-scan for WiFi networks within range and display the results
6 Select the WiFi network you wish to attach to OR type the SSID in manually
7 Enter the WiFi network password
8 Select the required mode (enter IP if Routed)
9 Click PROGRAM UNIT

Operating modes

Bridge

Routed

WiFi 100

B   WiFi 100

A   V400

V500

X & V Series DVRs

IBUS

A   IP address is set on the DVR

B   IP address is set on the WiFi 100

WiFi to DVR traffic is routed through, IBUS traffic is on the local WiFi 100 switch
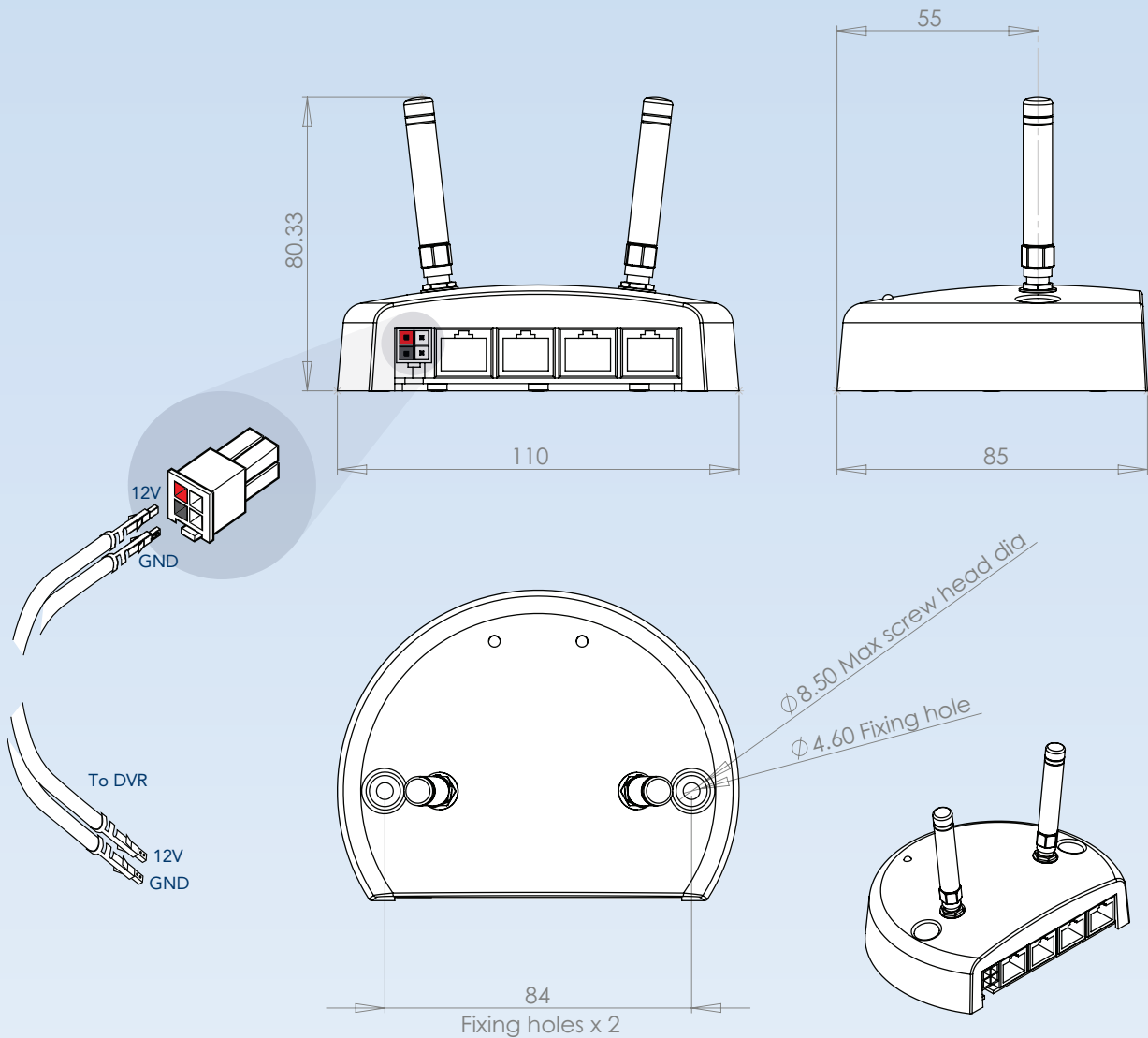
TIMESPACE

Timespace WiFi 100

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Measurements are in mm

80.33

110

55

85

12V
GND

To DVR

12V
GND

⌀ 8.50 Max screw head dia

⌀ 4.60 Fixing hole

84
Fixing holes x 2

Important Installation Guidelines

The WiFi100 should be positioned away from any sources of interference, eg electronics and cabling, and positioned where there is minimal shielding, eg fibreglass panels.

If cable routing does not allow this, the WiFi100 may be located in enclosed spaces but the antennas need to be 15-20cms away from any possible source of interference – any electronics equipment or cabling. It is important to confirm correct operation in this case, by running 10 minute file download jobs on 5 trial installs. Once the location is approved, similar bus types may then be installed in the same way.

Please note: Timespace is not responsible for the placement of access points in depots, and their type or effectiveness.