



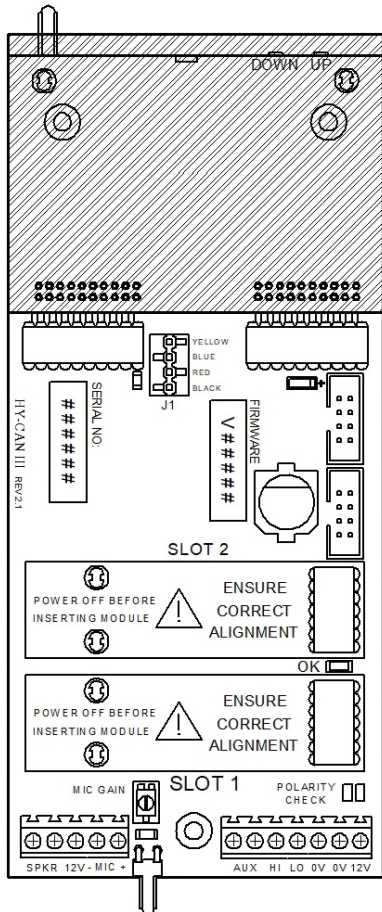
TELGUARD POWER SUPPLY UNITS MUST BE USED AND SHOULD NOT POWER ANY OTHER EQUIPMENT.
A SITE SIGNAL NETWORK TEST IS TO BE UNDERTAKEN BEFORE INSTALLATION

OPTIMUS KIT

INSTALLATION GUIDE

CONFIGURATIONS AND CONNECTIONS

MAIN OPTIMUS KIT HUB PCB

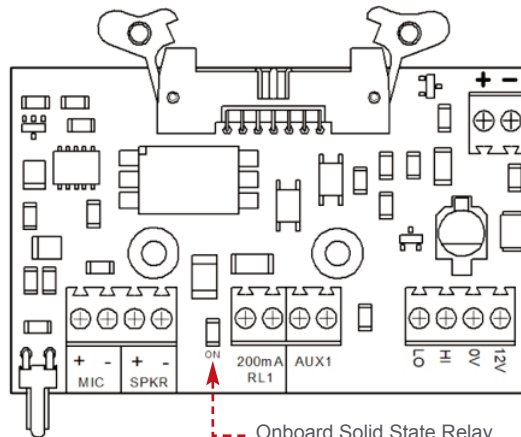


HUB and SATELLITE CONNECTIONS:

- External Speaker from Satellite Panel(s)
- 12V Supply to Satellite
- External Mic from Satellite Panel(s)
- External CAN Bus to/from Satellite Panel(s)
Wire Hi to Hi / Lo to Lo / 0V to 0V

OPTIMUS KIT I/O BOARD

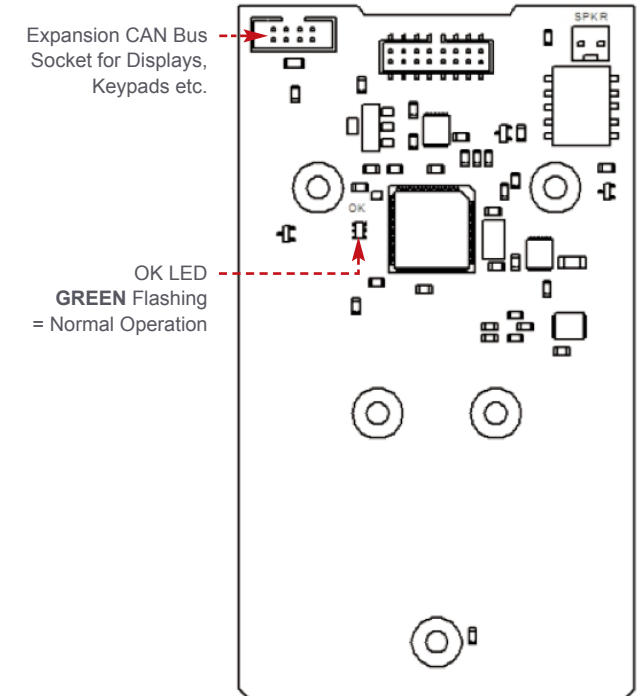
Used ONLY in Optimus KIT Satellite Panel



Onboard Solid State Relay
60V AC/DC
200 mA
STATUS LED RED Closed

OPTIMUS KIT ECO SAT PCB

Used ONLY in Optimus KIT Satellite Panel



Expansion CAN Bus Socket for Displays, Keypads etc.

OK LED
GREEN Flashing
= Normal Operation

WHEN CHANGING RELAY MODULES | Power Off | Ensure Correct Alignment

SEE REVERSE FOR INSTALLATION TIPS



TELGUARD POWER SUPPLY UNITS MUST BE USED AND SHOULD NOT POWER ANY OTHER EQUIPMENT.
A SITE SIGNAL NETWORK TEST IS TO BE UNDERTAKEN BEFORE INSTALLATION

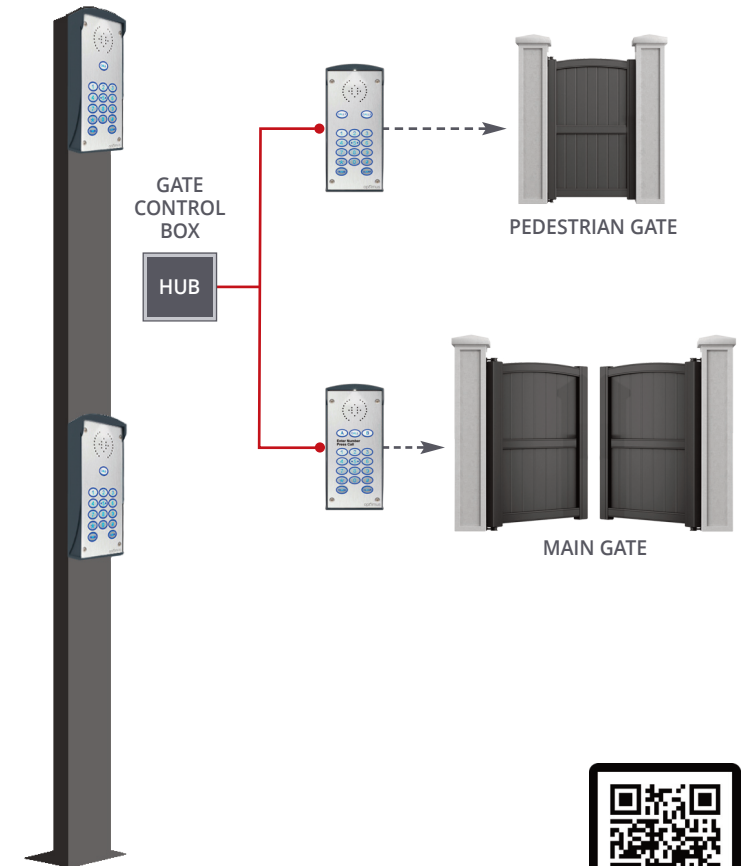
OPTIMUS KIT

INSTALLATION GUIDE

INSTALLATION TIPS

- Connectors on Satellite PCB can be daisy chained to other Satellite panels, or wired back to the hub.
 - Max 2 Satellites connected Star configuration (*max 300m per spur*)
 - AND/OR Daisy configuration (*max 300m in total*)
- Each Satellite panel will be numbers 1 - 2.
 - Please ensure each system does not include identical panel numbers.
- Recommended to use 8 Core CAT 5 cable:
 - Twisted Pair x 2 Mic
 - Twisted Pair x 2 Speaker
 - Twisted Pair x 2 CAN
 - Twisted Pair x 2 Power
- The Auxiliary inputs are for volt free exit release type buttons only. Damage will result if feeding voltage or any other item that is not a volt free contact.

CONFIGURATION EXAMPLE:



EU CE Declaration of Conformity and Radio Equipment Directive is available at www.commtel-uk.com | GB-RH10 9XN



Raising Standards
Safety Assured

