

FCON

Field Controller

Overview:

The DTC Field Controller is designed to provide operators of DTC equipment with a discrete and comprehensive controller, whilst avoiding the need to take a PC into the field.

The Field Controller has DTC technology at its core and connects to DTC equipment using a single cable, presenting the user with a clear menu structure for configuration. The menu system can be navigated and selections made using the buttons provided on the front panel of the Field Controller.

As well as acting as a portable controller, it can also act as a remote agent for the DTC Mission Commander application. In this mode, the Field Controller can be preloaded with encryption keys destined for different DTC transmitters and receivers. On connection to a target device the Field Controller will automatically update the encryption keys whilst logging the serial number, time and date of the update. The Field Controller therefore acts as a secure carriage mechanism for field management of encryption data.



Features and Benefits:

- In line standalone controller
- Controls Transmitters and Receivers
- Controls IP MESH
- Encryption key management with Mission Commander
- USB to RS232 converter for debugging

Product information:

Product Includes:

| | |
|--------|---|
| CA0345 | Hirose 16 way Control Cable for TX and RX |
| CA0343 | USB PC Cable |

Accessory Options (sold separately):

| | |
|--------|------------------------|
| CA2370 | SOL7NTX FCON cable |
| CA0549 | Robust Mesh FCON Cable |
| CA0615 | Plain Mesh FCON Cable |

Related Documents:

| | |
|--------|-----------------------------|
| 100065 | Field Controller User Guide |
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Technical specification:

Connectors

| | |
|----------------|------|
| Unit Connector | Lemo |
| PC Connector | Lemo |

Dimensions

| | |
|---------------|----------------|
| Length | 110mm |
| Width | 21mm |
| Depth | 15mm |
| Weight | 35g |
| Environmental | -10 to +50 deg |

Power

| | |
|------------------|-------------|
| Consumption | 20mA @ 12V |
| Internal battery | 3 year life |

Export of encrypted products is subject to United Kingdom regulatory export controls.

For further information contact your Sales Account Manager, one of our Regional Sales Offices, or email solent.enquiries@domotactical.com

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