

FCON – Field Controller

COFDM – Video, Audio Telemetry and IP Products

June 2016 Data Sheet



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 Crypto Wizard application. In this mode, the Field Controller can be pre-loaded 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:

- In line standalone controller
- Or USB to RS232 converter
- Remote client for Crypto Wizard
- Controls transmitters and receivers

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

Connection cables

CA0345	Control Cable for TX and RX
CA0343	USB Cable

Product Code:

FCON	Frequency and Encryption Management Controller
FCON-NETNODE-P	Management Controller for NETNode Plain
FCON-NETNODE-R	Management Controller for NETNode Robust
FCON-CRYPT	Field Controller Crypto Wizard

Products are available to security users in licensed frequency bands. Encryption licences are subject to export control. These products are not approved for use by unlicensed users. Commercial products are available if used in appropriate licensed frequency bands.

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