

FCON – Field Controller

COFDM – Video, Audio Telemetry and IP Products

COBHAM

June 2011 Data Sheet

The most important thing we build is trust



FCON Field Controller (actual size)

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

The Field Controller has Cobham technology at its core and connects to Cobham 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 Cobham CryptoWizard application. In this mode, the Field Controller can be pre-loaded with encryption keys destined for different

Cobham 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 CryptoWizard Controls transmitters and receivers with domo technology at their core.

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 for SOLO4 TX and RX
CA0344 for Bodywire

Unit Connector: EEB.0B.305.CLV

Pin 1.	RS232TX
Pin 2.	RS232RX
Pin 3.	GND
Pin 4.	VCC
Pin 5.	GPIO (unused)

PC Connector: EEB.0B.306.CLV

Pin 1.	Debug RS232TX
Pin 2.	Debug RS232RX
Pin 3.	GND
Pin 4.	VCC
Pin 5.	USB DP
Pin 6.	USB DM

Product Code:

FCON

For further information please contact:

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