

Broadcast Fibre System

CODFM – Video, Audio Telemetry and IP Products

May 2013 Data Sheet



The broadcast fibre system is an extension solution for outside broadcast and instillation applications. The solution offers many advantages including compact design, extended RF bandwidth and state of the art RF modules.

DTC's fibre extension enables the antennas to be placed up to 1700m away with power on a SMPTE cable or up to 20kms if powered locally.

These advanced features can further control the RF gain stage set-up allowing flexibility in any situation. 12V power is provided for down converters, allowing compatibility with DTC and other manufacturer's products.

The system can be supplied either with SMPTE Hybrid or tactical fibre. Both models offer a high brightness OLED screen on the base unit to report optical levels and cable condition status.

Our 'On Cable Solution' is now available, providing return data path for camera control through the SMPTE cable and a remote DC output for a data transmitter. Rig one cable for video reception, data transmission and power. The DTC Fibre extender system is an excellent and flexible addition for any situation.

Features:

- 'One cable solution' for radio camera receive and data control
- Location of antenna and down converter can be extended. Monitoring
- Allows prime location of receive unit in OB area for maximum flexibility of monitoring
- Fibre connectors can be customised to fit specific requirements
- Head units are splash proof to overcome challenging OB environments
- Base units are rack mountable
- Return camera control data line

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Specification:

Head Unit

Physical

Size W220mm, D358mm, H44mm
 Weight 3.25Kg
 DC input 12-16V
 SMPTE
 2 x BNC
 2 x T500mA fuse
 1 x T1A fuse

Environment

Temperature range -10 to +55 deg C
 Sealing Splash proof

Base Unit

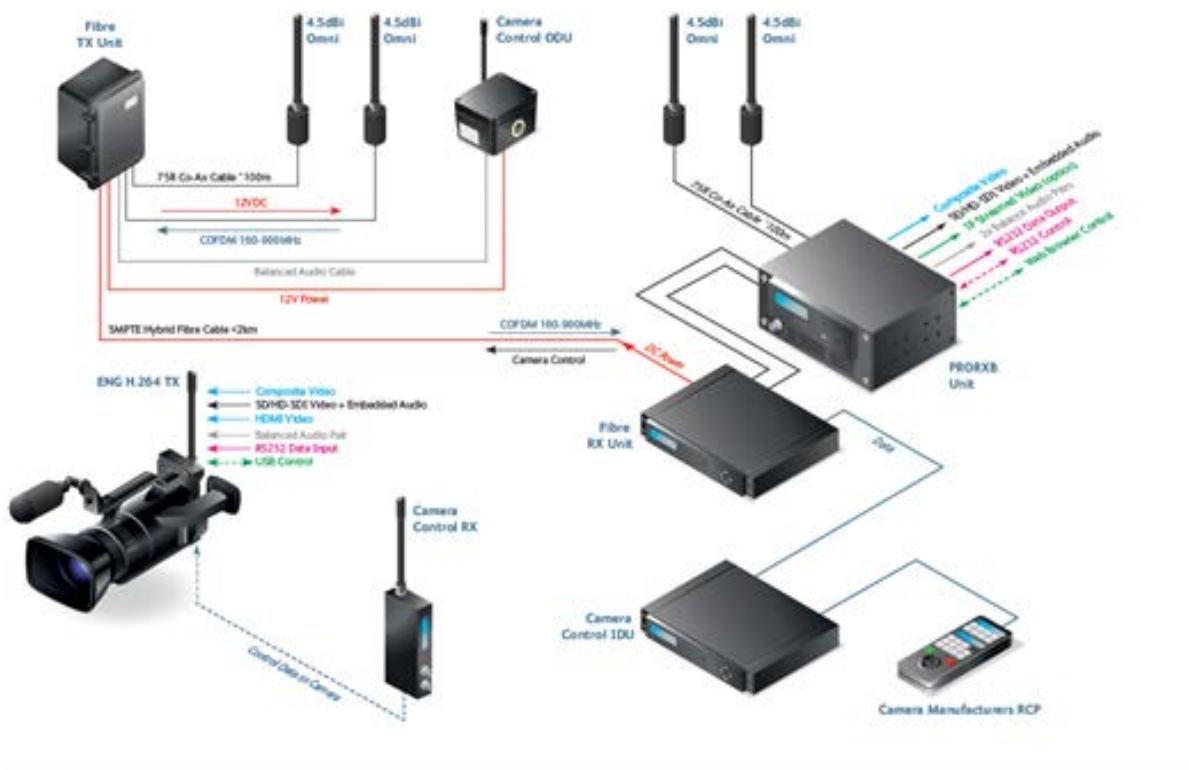
Physical

Size W190mm, D280mm, H105mm
 Weight 2.20Kg
 DC input 12-16V
 SMPTE
 2 x BNC

Environment

Temperature range -10 to +55 deg C
 Sealing Splash proof

Product Code: XXXX



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