

DC60Xu

High-Definition Digital Transport Adapter

FEATURES

- All Digital for use in Digital Migrations
- Advanced User Interface
- In-band only
- Simple channel up/down plus numbers on the remote control



PRODUCT OVERVIEW

The DC60Xu HD DTA is an ultra-compact, low cost adaptor that converts broadcast MPEG-2 and MPEG-4 Standard-Definition and High-Definition QAM to a digital HDMI™ and an analogue RF output.

This provides a cost-effective and secure way for cable operators to transition to digital by enabling the viewing of digital programming on HDMI-equipped TV sets.

A virtual analog cable experience is provided with simple channel up/down and direct channel entry. All messaging to the DTA is carried in-band, one way, with no return path.

The DC60Xu supports standards-based DVB-CSA, DES-ECB, and SCTE 52 field-selectable modes for content decryption.

A download of content protection software is required to activate content security.

GENERAL SPECIFICATIONS

RF Interfaces

1 x In-band, 54 MHz-1002 MHz Tuner with QAM 64/256 demodulation includes MoCA® rejection filter as standard

Audio/Video Output

MPEG-2, MPEG-4 MP@ML, MP@HL Decode up to 1080i/720p

2 Channel AC3 or Dolby Digital™, Dolby Digital Plus™ Audio Decode

HDMI™ 1.3a Output

Analogue RF Output Channel 3/4

System Memory

8 MB Serial Flash memory

128 MB SDRAM

Graphics

2D Graphics Engine

Channel Number and Network text ID rendering on channel change

Graphics presented on HDMI and RF simultaneously

Front Panel

Bi-Color Power LED indicator

IR Receiver

IR and RF Remote Control

Front panel IR Receiver (38 KHz)

Embedded RF Remote circuitry

GENERAL SPECIFICATIONS - CONTINUED

Content Security

Content security can be activated via future software download

Standards-based decryption using field selectable modes of SCTE 52, DES-ECB, or DVB-CSA

Key Standards and Reference Specifications

OpenCable Common Download 2.0 for ISO 13818-6 DSMCC In-band software download

SCTE 65 Network Table, Virtual Channel Table, Network Text

SCTE 18-based Emergency Alert System messaging via PSIP PID

Software

Unified application software and driver code

Set-Up and Diagnostics

On screen diagnostic screens for on-site installation and debug

Front panel LED diagnostic information via flash patterns

Dimensions

1.04" h x 3.19" d x 4.33" w

Accessories

HDMI Cable

RF Out Cable

Remote Control

External Plug Top Power Supply

User Manual



CUSTOMER CARE

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

DOLBY AUDIO[™]

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