High Definition Digital Transport Adapter

Summary

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

The Pace DC60Xu HD DTA is an ultra compact, low cost adaptor that converts broadcast MPEG 2 and 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.

DC60Xu
Technical Specifications

RF Interfaces

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

Audio/Video Output

MPEG-2 and MPEG4 MP@ML and MP@HL Decode up to 1080i/720p

2 Channel AC3 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 (38KHz)

Embedded RF Remote circuitry

Content Security

Content security can be activated via future software download

Standard-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

SCTE18 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" height X 3.19" depth X 4.33" width

Accessories

HDMI cable

RF out cable

Remote Control

External Plug Top Power Supply

User Manual

For more information on the DC60Xu or any other Pace product please visit our website www.pace.com/americas