

DCT700

All Digital Set-top



The DCT700 is an all-digital set-top that provides operators with a quick and cost-effective means of realizing the benefits of an all-digital network. These benefits include increased bandwidth for high-definition and video-on-demand (VOD) content, on-demand information and entertainment services, as well as a reduction in theft of video services.

Operators can leverage the strength of their two-way networks by deploying the DCT700 to provide interactive services such as electronic program guides (EPGs), interactive pay-per-view (IPPV), and VOD. By reclaiming bandwidth allocated to analog channels, the DCT700 provides operators with the additional bandwidth needed for services such as high-speed data, VOD and high definition content.

Implementation of an all-digital video network requires that operators furnish a set-top for every television in the home.

The DCT700 provides revenue-generating interactivity for the all-digital network.

HIGHLIGHTS INCLUDE:

- Supports services such as an EPG, IPPV and VOD
- Reclaims bandwidth allocated to analog channels
- Combats analog piracy
- Compatible with Motorola's award winning secure MediaCipher conditional access technology
- Provides a real-time return path
- MPEG-2 Digital Video Processor
- ATSC standard Dolby Digital (AC-3)



STANDARD FEATURES

MPEG-2 Digital Video Processor
ATSC standard Dolby® Digital (AC-3) audio processor
ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
On-board real-time RF return (256 Kbps)
Bitmapped graphics display (4-/8-bit)
90-860 MHz tuner
DES Based encryption/DCII access control
Digital diagnostics
Frequency agile 2.048 Mbps out-of-band data receiver
Macrovision copy protection
IR support for remote control

STANDARD INTERFACES

RF remodulator output (ch. 3, 4)
Baseband video and audio outputs

OPTIONAL FEATURES

Motorola Universal Remote Control (DRC450)

Specifications are subject to change without notice.



MGBI

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