

# 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)

MGBI



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