

FLOODGATE® FG-422D

HOSPITALITY HDTV TRANSCODING HEADEND FOR DISH NETWORK®

8 PREMIUM HDTV CHANNELS

It is estimated that there is an installed base of nearly 1.5 million commercial Pro:Idiom® televisions that are capable of decoding only MPEG-2 video. DIRECTV® HDTV channels are delivered using MPEG-4 compression which will not play out on those TVs. VideoPropulsion's FloodGate model FG-422D transcodes the MPEG-4 video content to MPEG-2 saving hospitality venues millions of dollars in television upgrades. Up to 8 premium HD channels per unit can be transcoded, and the ability to stack units for expanded capacity makes it suitable for most hotel HD channel lineups.

The FloodGate FG-422D delivers content with Pro:Idiom encryption technology, a Hollywood accepted standard for protecting content in commercial environments including hotels, motels, timeshares, hospitals, assisted living residences and other bulk commercial locations. System installation is straightforward for DIRECTV integrators and resellers. Each DIRECTV COM23 receiver outputs streams via an Ethernet port on the receiver. Those Ethernet streams are aggregated and managed through a VLAN capable switch and a FloodGate Provisioner into an Ethernet port on the FloodGate.

EASY TO MANAGE

The FloodGate Manager interface allows you to intuitively manage receiver status, upload a channel lineup, and start and stop service. FloodGates configure channels automatically on receivers based on your channel lineup and then QAM modulates them over the existing coax cable infrastructure. DIRECTV HD programming is transported using MPEG-4 transport streams which the FG-422D re-encodes in MPEG-2. The FloodGate configures up to 2 MPEG-2 channels per QAM channel, delivering content to MPEG-2 compatible commercial TV's. Management tools are included to enable proactive remote service resolution, including automated failover to spare receivers in the case of failure.



- **Convert up to 8 HDTV MPEG-4 programs to MPEG-2 in real time**
- **Receive HD content from DIRECTV® COM23 receivers**
- **Pro:Idiom® content protection with no in-room receivers or set top boxes**
- **Output over existing coax infrastructure in the hotel**
- **Electronic Program Guide (EPG)**
- **Private channel payout**
- **SNMP management for efficient remote monitoring and control**
- **Automated configuration for fast and effective installation**



Helping you put HDTV wherever people stay...

SPECIFICATIONS

QAM RF Output

Connector: 1 F-Type, female
Configuration: 1 block of 4 adjacent QAM channels
QAM Modulation: ITU J.83 Annex B; 64QAM, 256QAM

IP Inputs

Connection: 2 Gigabit Ethernet RJ-45 port
Use: Receiver aggregation from switch
Management port

Control and Management

Protocols: SNMPv1, SNMPv2
FloodGate compatible with IE 7/8 browser
Manager:

General

Dimensions: 1RU, 15" deep, shelf required
Weight: 22 lb.
Input Voltage: 100-240 VAC
Power: 100 W, 1.1 Amps
Certifications: FCC - ICAN

Ordering Info

FG-422D: DIRECTV 8 Transcoder FloodGate QAM
FG-DTV-NK: Network Kit (Switch, router)

REMOTE MANAGEMENT

Ensure service availability through SNMP management and intuitive FloodGate Manager interface. Use multiple levels of security to match your technical support organization



Product specifications are subject to change at any time and without prior notice.

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Order From:  **MULTICOM**

800-423-2594
www.multicominc.com
multicom@multicominc.com