

# FLOODGATE<sup>®</sup> FG-9100E

## HOSPITALITY HDTV HEADEND FOR DISH NETWORK<sup>®</sup>

Introducing a new generation of HDTV appliances at the lowest cost per stream in the industry.

### 38 PREMIUM HDTV CHANNELS

The flagship offering of our new generation of FloodGate products for use with DISH Network<sup>®</sup> content is the FG-9100E. Handling up to 38 premium HDTV channels per unit and having the ability to stack units for expanded capacity, it is suitable for most hotel HDTV channel lineups delivered over RF coax. An Electronic Program Guide and a private hotel channel are also available.

The FG-9100E delivers content with Pro:Idiom<sup>®</sup> encryption technology, a Hollywood approved standard for protecting content in commercial environments including hotels, motels, timeshares, hospitals, assisted living residences and other bulk commercial locations.

FloodGate installation is extremely quick using simple Ethernet connections between DISH Network ViP222 receivers, an Ethernet switch, and the FloodGate.

### EASY TO MANAGE

The FloodGate Manager Web interface allows you to intuitively manage receiver status, upload a channel lineup, and start and stop service. The FloodGate Manager configures channels automatically on the ViP222 receivers based on the channel lineup and then modulates them over a new or existing coax cable infrastructure using QAM technology.

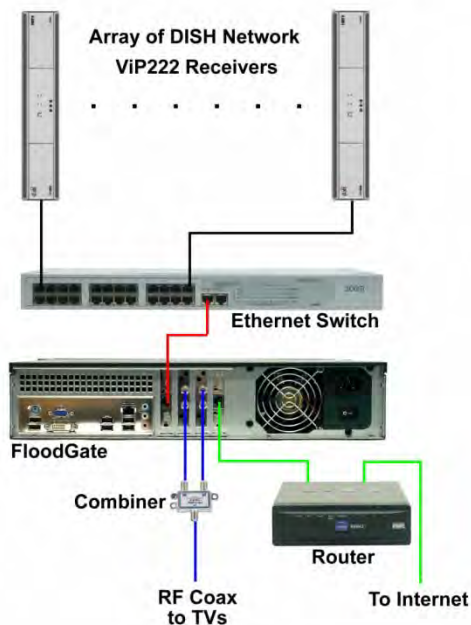
Most DISH Network HDTV programming is transported using MPEG4 transport streams. The FG-9100E multiplexes DISH Network channels on QAM channels, delivering Pro:Idiom protected content to MPEG4 compatible commercial TV's. Management tools are included to enable proactive remote service resolution including automated failover to spare receivers in the case of failure.



- Up to 38 HDTV programs
- Receive HD content from DISH Network<sup>®</sup> ViP222 receiver series
- Electronic Program Guide (EPG)
- Private channel payout
- Pro:Idiom<sup>®</sup> content protection with no in-room receivers or set-top boxes
- Output over existing coax infrastructure in the hotel
- Automated channel failover provides consistent channel lineups and service availability
- Automated configuration for fast and effective installation



# Helping you put HDTV wherever people stay...



**FG-9100E system diagram**

## PRIVATE CHANNEL PLAYOUT

Store and play private channels suitable for hotel or brand information channels, local attraction information or other custom content.

## REMOTE MANAGEMENT

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

## SPECIFICATIONS

### QAM RF Output

Connector: 2 F-type, female

Configuration: 1 block of 8 adjacent QAM channels  
1 block of 4 adjacent QAM channels

QAM Modulation: ITU J.83 Annex B; 64, 256 QAM

### IP Inputs

Connection: 1 GigE Ethernet RJ-45 port  
1 10/100Base-T RJ-45 port

Use: Receiver aggregation from switch  
Management port

### Control and Management

Protocols: SNMPv1, SNMPv2

FloodGate Manager: compatible with IE 7/8 browser

### General

Dimensions: 2RU, 15" deep, shelf required

Weight: 21 lb.

Input Voltage: 100-240 VAC, 47-63 Hz

Power: 380 W, 8 Amps

Certifications: FCC - ICAN

### Ordering Info

FG-9100E/n: DISH FloodGate, where 'n' is the number of HD streams licensed

FG-DISH-NK: Network Kit (Switch, router)



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

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