# FloodGate® 4000 Series
## Hospitality HDTV Headend for DISH Network®

New!

## Advancing the State-of-the-Art in Commercial DISH Network® Solutions

Introducing the **NEW** FloodGate® 4000 Series of HDTV headend appliances for hospitality and other commercial markets. With a new 3-year warranty and features like Stream Prioritization, Receiver Failover, enhanced SNMP monitoring, extended satellite info, and support for Pro:Idiom, Samsung LYNK, or Verimatrix - FloodGate® 4000 is the premier commercial solution.

VideoPropulsion continues as the leader in the industry for the highest density and lowest cost per stream. Three new models are available to deliver from 12 to 60 streams, with per-stream pricing available.

- 3-year warranty
- 30% or more less expensive
- Up to 40% less power consumption
- New fault recovery features
- Next Generation hardware
- Electronic Program Guide (EPG)
- Private Channels
- Samsung LYNK support added
- COAX or IP

## Features & Benefits of the NEW FloodGate® 4000 Series

| Feature | Benefit |
|---|---|
| Next Generation QAM & Transcrypter Technology | Highest density/lowest cost per stream in the industry |
| Up to 30% less expensive | Lower cost |
| Up to 40% lower power consumption | Significantly lower operational cost |
| SNMP Monitoring including Fans & Temperature | Extended SNMP monitoring/alerting of vital system health |
| Online Configuration Editor | Easy online configuration in the UI |
| Displays Extended Satellite Information | Shows transponder, channel, signal level for each receiver |
| Receiver/STB Failover | Spare receiver(s) are used in the event of failed receiver(s) |
| Stream Prioritization | Lowest priority channels are cannibalized to replace failed receiver(s) |
| Electronic Program Guide (EPG) | Generates & displays EPG showing what's playing on each channel |
| Private Channels | Store & play custom digital content on QAM channels |
| SiliconDust HDHomeRun Support for Locals | Use HDHomeRun to deliver ATSC off-air-locals, fully integrated into UI |
| UI Control of QAM RF Output Level | No need for in-line physical "pads" to attenuate the output signal |
| Pro:Idiom, Samsung LYNK, or Verimatrix | Supports **ALL** hospitality-approved content protection mechanisms |
| COAX or IP Output | Supports existing COAX properties and newer green-field IP properties |
| 3 Year Warranty | Investment protection |

**V**ideoPropulsion®

**New!**

# FloodGate® 4000 Series
## Hospitality HDTV Headend for DISH Network®

### *Splash. Downpour. Cloudburst.*
### *Three NEW Models At-A-Glance*

The entry-level "**Splash**" model FG-4100E provides up to 12 streams, 1 Private Channel, and Receiver Failover.

The mid-tier "**Downpour**" model FG-4110E provides up to 40 streams, 4 Private Channels, and is full-featured.

The high-end "**Cloudburst**" model FG-4120E is the flagship model and provides support for up to 60 streams, 6 Private Channels, and is full-featured.

### *VideoPropulsion offers world-class training & toll-free technical support!*

## Specifications

**QAM RF Output**
| | |
|---|---|
| Connector: | 2 F-type, female |
| Configuration: | 1x 8 adjacent QAM channels |
| | 1x4 adjacent QAM channels |
| QAM: | ITU J.83 Annex B, 256-QAM |

**IP Inputs**
| | |
|---|---|
| Connections : | 1 GigE Ethernet RJ-45 |
| | (Receiver aggregation) |
| | 1 10/100Base-T RJ-45 |
| | (Management port) |

**Management**
| | |
|---|---|
| Protocols: | SNMPV1, SNMPv2 |
| UI: | IE7/8 browser |

**General**
| | |
|---|---|
| Dimensions: | 13.25"Wx3.94"H x16.38"D |
| Weight: | 13lbs. |
| Mounting: | Vertical or Horizontal |

## Model Comparison of the NEW FloodGate® 4000 Series

| | Splash | Downpour | Cloudburst |
|---|---|---|---|
| Model# | FG-4100E | FG-4110E | FG-4120E |
| Min Streams | 12 | 12 | 40 |
| Max Streams | 12 | 40 | 60 |
| EPG | No | Yes | Yes |
| Private Channels | 1 | 4 | 6 |
| Receiver Failover | Yes | Yes | Yes |
| Stream Prioritization | No | Yes | Yes |
| Online Config Editor | No | Yes | Yes |
| UI Control QAM Out | No | Yes | Yes |
| SNMP Fans & Temp | No | Yes | Yes |
| HDHomeRun Locals | No | Yes | Yes |