

# FloodGate® FG-5000 HailStorm™ Transcoder

## High-Density MPEG2 & H.264 Transcoder

### *Advancing the State-of-the-Art in MPEG Transcoding Solutions*



Introducing the new FloodGate® FG-5000 Series Transcoder, an HDTV headend appliance for CATV, IPTV, hospitality and other commercial markets. The FG-5000 Series are multi-format transcoders capable of delivering from 8 to over 300 streams in a 3U appliance. Transcode from MPEG2 to H.264 (MPEG4), or H.264 to MPEG2, or H.264 to H.264. Support for transrating and transcaling of HD bitrates and resolutions down to smaller formats suitable for delivery in mobile, handheld, or TV-everywhere digital video delivery applications.

Optional support for DVB-ASI inputs, DVB-C QAM outputs, and industry standard AES-128 decryption/encryption including: DTCP/IP, Pro:Idiom, Samsung LYNK, or Verimatrix.

FloodGate® FG-5000 Hailstorm™ is the premier commercial transcoding solution.

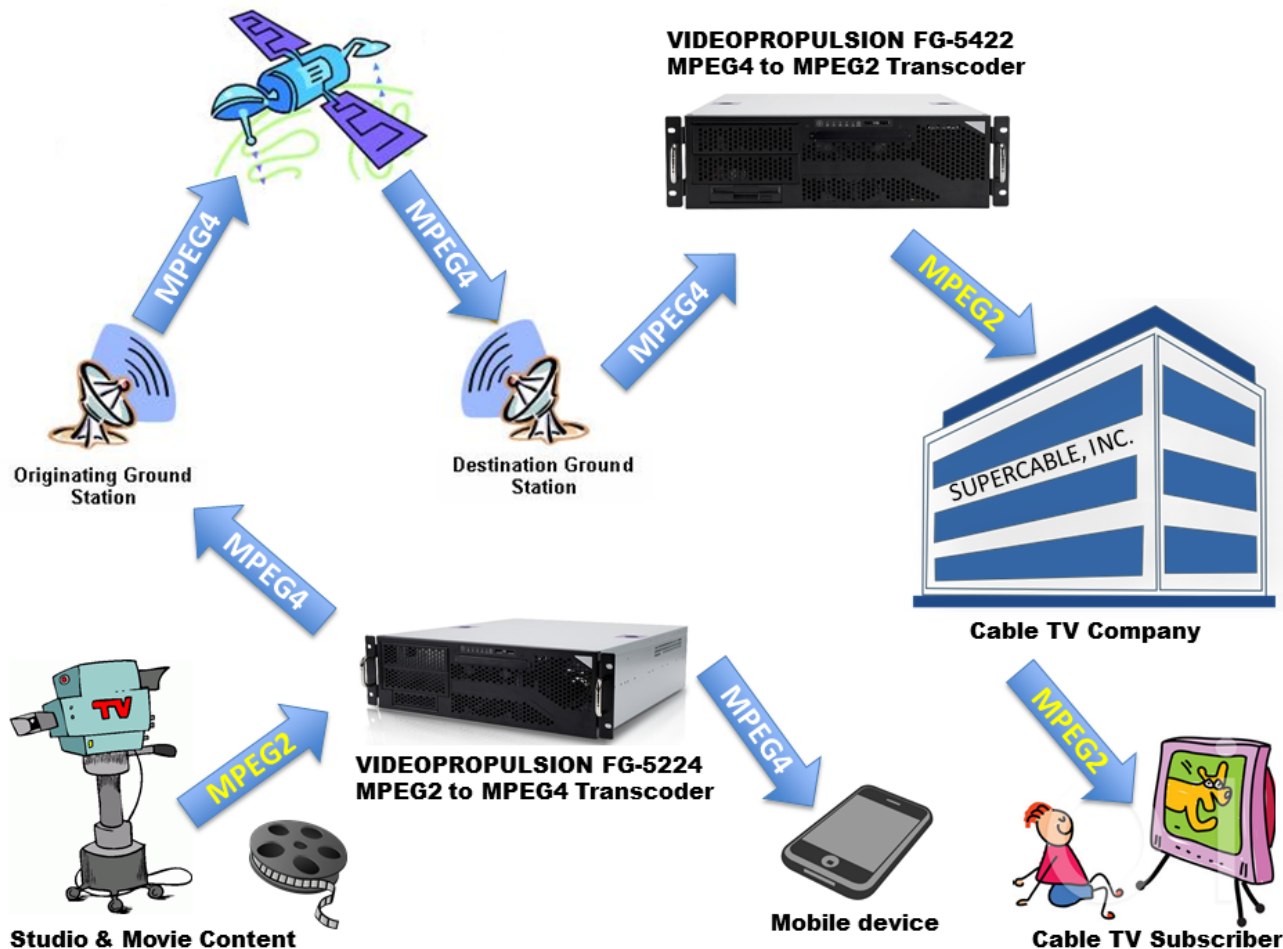
- 8 to over 300 simultaneous transcodes
- Gigabit Ethernet, IP input / IP output
- Optional ASI inputs, QAM outputs
- Multi-format video & audio transcode
- MPEG2 to H.264 (MPEG4)
- H.264 to MPEG2
- H.264 to H.264
- MPEG2 MP@HL, H.264 HP@L4.2
- Transrating HD bitrates or lower
- Transcaling HD resolution or lower
- Supports for mobile formats
- Optional decrypt/encrypt

### Features & Benefits of the FloodGate® 5000 Series

Feature	Benefit
Next Generation Transcoder Technology	Highest density/lowest cost per stream in the industry
High density	Over 300 simultaneous transcodes
Multi-format video support	H.264 MP,HP@L4.2 720p, 1080i, 1080p H.264 MP,HP@L3.0 480i, 576i MPEG2 MP@HL 720p, 1080i, 1080p MPEG2 MP@ML 480i, 576i
Multi-format audio support	MPEG1 Layer II, MPEG1 Layer III (MP3), AAC LC, Dolby Digital (AC-3), Dolby Digital Plus (EAC-3), PCM, WMA
Transrating	HD bitrates down
Transcaling	HD resolutions down
Flexible Profiles	Ensures source/destination compatibility
Flexible I/O	Gigabit Ethernet (IP) input/output, DVB-ASI input/output, DVB-QAM outputs
Optional encryption/decryption	Supports AES-128 industry standards for DTCP/IP, Pro:Idiom, Samsung LYNK, Verimatrix, VSecure
3 Year Warranty	Investment protection

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## Specifications

### IP Inputs/Outputs

Connections : 2-3 GigE Ethernet RJ-45 (Input/Output)  
 1 10/100Base-T RJ-45 (Management port)

### DVB-ASI Inputs/Outputs (Optional)

Connector: 6 BNC-type, female  
 Configuration: 6, 12, 18 ports

### DVB-C QAM RF Output (Optional)

Connector: F-type, female  
 Configuration: 12 or 24 QAM channels

### Management

Protocols: SNMPv1, SNMPv2  
 UI: IE7/8 browser minimum

### General

Dimensions: 19"Wx5.25"H x17"D  
 Weight: 28lbs.  
 Mounting: Horizontal