



» FloodGate® Monsoon™ Transcoder

High-Density MPEG2-TS & H.264 MPEG4-TS **FG-5000** Transcoder

Advancing the State-of-the-Art in MPEG-TS Transcoding Solutions



The **FloodGate® FG-5000 Monsoon™ Series Transcoder** is an HDTV headend appliance for CATV, IPTV, hospitality and other commercial markets. The FG-5000 Series are multi-format transcoders capable of delivering up to 200 streams in a 3U appliance. Transcode from MPEG2-TS to H.264 (MPEG4-TS), or H.264 to MPEG2-TS, 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.

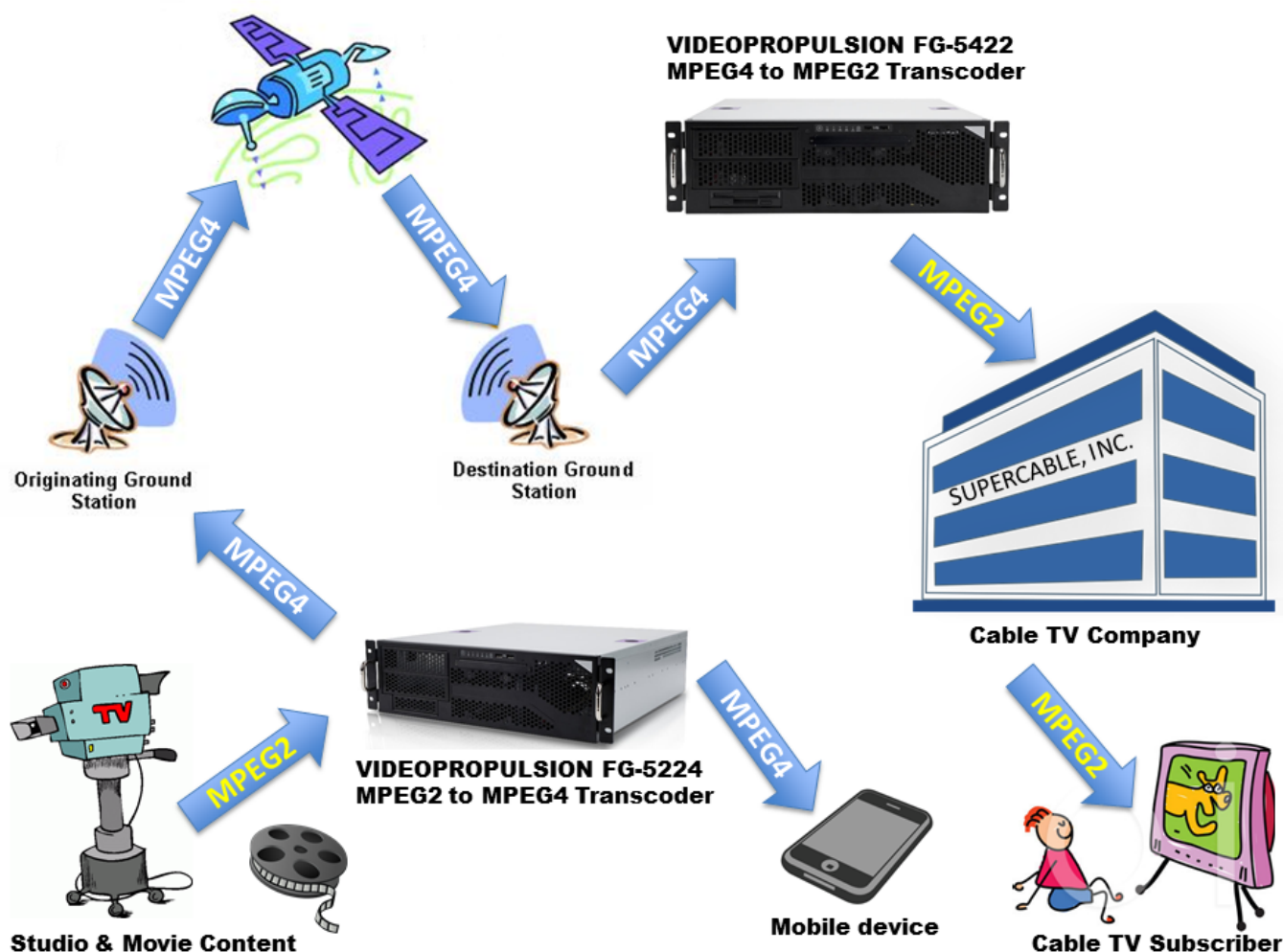
Optional support for DVB-ASI and DVB-S2 inputs, DVB Annex A, B, C QAM or COFDM outputs, and industry standard AES-128 decryption/encryption including: DTCP/IP, Pro:Idiom®, Samsung LYNK®, Verimatrix®, CONAX®, NSTV®, as well as watermarking.

- Up to 200 simultaneous transcodes
- Gigabit & 10Gb IP input/output
- Optional ASI, S2 inputs
- QAM, COFDM outputs
- Multi-format video & audio transcode
- MPEG2-TS to H.264 (MPEG4-TS)
- 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

Feature	Benefit
Next Generation Transcoder Technology	Highest density/lowest cost per stream in the industry
High density	Up to 200 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/ Transcaling	HD bitrates down/ HD resolutions down
Inputs	Gigabit & 10Gb IP, optional up to 18 DVB-ASI, 16 DVB-S2
Outputs	Gigabit & 10Gb IP, optional up to 18 DVB-ASI, 64 DVB-QAM, COFDM
Flexible Profiles	Ensures source/destination compatibility
Optional encryption/decryption	Supports AES-128 industry standards for DTCP/IP, Pro:Idiom, Samsung LYNK®, Verimatrix®, Vsecure®, CONAX®, NSTV®, watermarking
3 Year Warranty	Investment protection

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Specifications

IP Inputs/Outputs

Connections :
1 10/100Base-T (Management port)
Gigabit or 10Gb Ethernet (Input/Output)

DVB Inputs/Outputs (Optional)

Up to 18 DVB ASI Input/Output
Up to 16 DVB S2 Input
Up to 2 COFDM output

DVB Annex A,B, or C QAM RF Output (Optional)

Up to 64 QAM channels

Management

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

General

Dimensions: 19"W x 5.25"H x 17"D
Weight: 28 lbs.
Mounting: Horizontal