



FloodGate by VideoPropulsion

4800 Series

EdgeQAM Appliances for CATV Headends

Advancing the State-of-the-Art in Commercial EdgeQAM Solutions



Introducing the new **FloodGate® 4800 Series EdgeQAMs** HDTV headend appliances for CATV and other commercial markets. Available with 8 to 24 QAM channels and one Gigabit Ethernet (GbE) port. Standard EdgeQAM operation with IP in-the-clear input to QAM.

Optional DTCP encrypted input transcrypted to Pro:Idiom encrypted output. Option to transcode MPEG1 audio to AC3 (DirecTV SD Audio) and Technicolor Com1000 compatibility. With a new 3-year warranty, the FloodGate® 4800 is the premier commercial solution.

VideoPropulsion continues as the leader in the industry for the highest density and lowest cost per stream.

- 3-year warranty
- Next Generation hardware
- 8,12,16,20, or 24 QAM channels
- Gigabit Ethernet port, Management port
- Intelligent Platform Management Interface (IPMI) dedicated port
- Optional DTCP to Pro:Idiom transcrypt
- Optional MPEG1 audio to AC3 transcode
- DirecTV / Technicolor COM1000 compatibility
- SNMP monitoring
- Web-based User Interface (UI)

Features & Benefits of the FloodGate® 4800 Series EdgeQAMs

Feature	Benefit
Next Generation QAM & Transcrypter Technology	Highest density/lowest cost per stream in the industry
8,12,16,20, or 24 QAM channel outputs	Granular solution and pricing
Field upgradeable	8 upgradeable to 12, and 16 & 20 upgradeable to 24
Gigabit Ethernet port	Two GbE to support up to 24 QAMs
Intelligent Platform Management Interface (IPMI)	IPMI out-of-band management standard fully supported
IP in-the-clear to QAM	Standard EdgeQAM operation
Optional DTCP to Pro:Idiom encryption	Supports all hospitality standards for content protection
Optional MPEG1 to AC3 audio transcode	Compatible with DirecTV SD content & Technicolor COM1000
Compatible with Technicolor Com1000	Lower overall cost of operation
SNMP Monitoring including environment temps	Extended SNMP monitoring/alerting of vital system health
Web-based User Interface (UI)	Easy configuration and management
UI Control of QAM RF Output Level	No need for in-line physical "pads" to attenuate the output signal
3 Year Warranty	Investment protection



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EdgeQAM Appliances for CATV Headends

Two models to choose from; a flexible EdgeQAM solution with flexible pricing!

FG-4810: 8 channel system upgradeable to 12 QAM channels.

FG-4820: 16 channel system upgradeable to 20, and to 24 QAM channels.

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

Specifications

QAM RF Output

Connector: 1,2 or 4 F-type, female
 Configuration: 1x 8 adjacent QAM channels
 1x4 adjacent QAM channels (varies based on model)
 QAM: ITU J.83 Annex B, 256-QAM

IP Inputs

Connections : Gigabit Ethernet RJ45
 Source Input
 Management port
 IPMI 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 FloodGate® 4800 Series EdgeQAMs

	FG-4810		FG-4820		
Model#	FG-4810/8	FG-4810/12	FG-4820/16	FG-4820/20	FG-4820/24
QAM Channels	8	12	16	20	24
Upgradeable QAM channels to	12	n/a	20	24	n/a
UI Control QAM Out	Yes	Yes	Yes	Yes	Yes
SNMP Monitoring	Yes	Yes	Yes	Yes	Yes
#F-Connectors x QAM channels	1x8	1x8 and 1x4	1x8 and 2x4	2x8 and 1x4	2x8 and 2x4