

Management

- Fully integrated with Exterity management tools
- Network administration via SSH, Telnet and SNMP
- HTTP web interface (supported browsers: Firefox, Internet Explorer and Chrome, check with support@exterity.com for version information)
- Serial RS232 Admin Port
- Terminal Control Interface (TCI)
- Event logging via Syslog (local and remote)
- Firmware upgrade via TFTP
- Configuration backup/restore via TFTP

RF Input

- Input Frequency Range: 950-2150 MHz
- Input Level: -69 to -25 dBm
- Support for DiSEqC v1.2
- Maximum data rate of 72Mbps per transport stream
- Supported standards: DVB-S & DVB-S2

Signal Modulation / Coding:

- DVB-S
 - Modulation: QPSK
 - Code Rate: 1/2, 2/3, 3/4, 5/6, 7/8
 - FEC: Reed Solomon & Viterbi
 - 2-45 MSps
- DVB-S2
 - Modulation: QPSK, 8PSK
 - Code Rate: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
 - FEC: LDPC & BCH
 - 10-30 MSps

Protocols

IP (RFC 791), UDP (RFC 768), TCP (RFC 793), ARP (RFC 826), DNS (RFC 1035), DHCP (RFC 2131), ICMP (RFC 792), IGMP v3 (RFC 3376), TFTP (RFC 1350), HTTP (RFC 2616), Telnet (RFC 318) Syslog (RFC 3164), NTP (RFC 1305), SAP (RFC 2974), SDP (RFC 4566), RTP (RFC 3550), SNMP (v1, v2c RFC 1901)

System

- CPU: MIPS 4Kc 492MHz
- RAM: 64MB
- Flash: 32MB (for firmware and configuration)
- OS: Linux 2.6

Regulatory

CE:

- IEC 60950-1:2005 (Second Edition), Am 1: 2009
- EN55022:2010, EN55024:1998 + A1:2001, A2:2003
- EN61000-4-2: 1995 + A1 + A2, EN61000-4-3: 1996 (tested i.a.w. EN6100-4-3: 2006 + A1 + A2), EN61000-4-4: 1995, (tested i.a.w. EN6100-4-4: 2004 + A1), EN61000-4-6: 1996 (tested i.a.w. EN6100-4-6: 2009)

UL/CSA:

- CAN/CSA C22.2 No. 0-M, CAN/CSA C22.2 No. 60950-1-07, UL 60950-1, 2nd Edition
- 47CFR: 2008 Part 15, Sub Part B, ANSI C63-4: 2003

Physical Format

Modular hot-swap blade for Exterity chassis

- AvediaStream c1101 providing 2 inputs
- AvediaStream c1103 providing up to 6 inputs
- AvediaStream c1210 providing up to 20 inputs

Dimensions

- L: 275mm x W: 130mm x H: 40mm; weight 0.45kg

Power

- DC 24V: 14W Typical, 17W Maximum (not including LNBs)

Environment

- Operating: 0 ...+40°C / +32 ... +104°F
- Storage: -20 ...+70°C / -4 ... +158°F
- Operating and storage Relative Humidity: 10-90% (non-condensing)

MTBF

Calculated to MIL-HDBK-217F, Notice 2: 83043 hours (9.5 years)

TVgateway Comparison Table

	g4190	g4310	g4330	g4340	g4370	g4410	g4412	g4415 -SM	g4415 -LK	g4418	g4442	g4448	UCT xQIP (US)
DVB-C				✓							✓	✓	
DVB-C2											✓	✓	
DVB-T			✓	✓							✓	✓	
DVB-T2				✓							✓	✓	
DVB-S		✓				✓	✓	✓	✓	✓			
DVB-S2		✓				✓	✓	✓	✓	✓			
ATSC					✓								
Clear QAM					✓								✓
Encrypted QAM													✓
ASI	✓												
Content Protection								Secure Media®	Samsung LYNK™				
Tuners	1	2	2	2	2	2	2	2	2	8	2	8	6-60
CAM card slots							2	2	2		2		1-10 Cable CARDS