ANEVIA

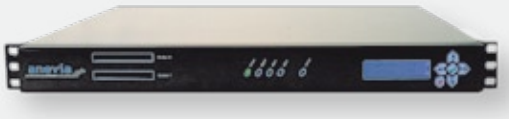
TELECOM PRODUCT

VIALIVE 220 series

Carrier grade DVB to IP gateway for full-IP head-ends

DTT channels rise, HD TV channels streaming, complex channels list... IPTV introduced a new revolution to TV traditional landscape. At the heart of triple play strategies, IPTV is now a key service to drive customers to revenue generating services like VOD or pay channels and to reduce churn rate by enhancing user experience with higher video quality and TV channels number.

To address these IPTV services needs, powerful solutions with high level management and reliability are required. ViaLive (previously Flamingo 220 series) is the first carrier-grade solution designed to build full-IP Telco and Broadcast head-ends. Performing the tasks of 3 traditional equipment - IRD, muxer and IP streamer - it provides first-rate reliability, advanced stream processing and cost savings.



Key benefits

OPEX/CAPEX OPTIMIZATION

- 3 equipment in 1 RU
- Easy integration with ecosystem through open XML interface (SDK)
- Low maintenance costs

HIGH CHANNEL PERFORMANCE

- 2 tuners per equipment (4 ASI interfaces for ViaLive 400A)
- Up to 60 encrypted or free to air channels streamed in 1RU
- High scalability with seamless channels integration

CARRIER GRADE REDUNDANCY

- N+1 configuration with redundancy (optional)
- “Site to Site” redundancy (optional)
- Automated monitoring through ViaManager suite

CUTTING EDGE BROADCAST MANAGEMENT FEATURES

- PSI/SI processing for service dynamic changes adaptation
- PID filtering/remapping, SID remapping
- 2 CAM slots for multi-services descrambling (except for 400A)

Applications

- Live TV broadcast
- Channel stream adaptation
- Live Pause, Catch-up TV and nPVR with ViaMotion suite

ViaLive product range

	Inputs	Format	Descrambling
ViaLive 220S	2	DVB-S/DVB-S2	Yes
ViaLive 220T	2	DVB-T (OFDM)	Yes
ViaLive 220C	2	DVB-C (QAM)	Yes
ViaLive 400A	4	DVB-ASI	No

VIALIVE 220 series

Product specifications

VIDEO & AUDIO FORMATS

- Managed codecs: MPEG-2, MPEG-4 (H264), MP3, AAC, AC3...
- Video & audio encapsulation: MPEG Transport Stream

DVB INPUTS

DVB-S & DVB-S2 INPUT

- L-Band inputs (75 ohms)
- Symbol Rate Range: 1 to 45 Ms/s
- Frequency Range: 950 MHz to 2150 Mhz
- LNB control (LNB power feed V, I, LNB 22kHz, freq tolerance, amplitude)

DVB-T INPUT

- Frequency Range: UHF and VHF

DVB-C INPUT

- Frequency Range: 48 to 855 MHz
- Modulation: QAM 16, 32, 64, 128 or 256
- Symbol Rate: 0.87 to 8.7 Ms/s

IP OUTPUT

- Support for SPTS/MPTS and VBR & CBR
- 3 x 1000 BaseT Giga Ethernet
- Output rate: up to 500 Mbps
- Protocol: TS over UDP / TS over RTP over UDP
- Multicast or Unicast
- De-jittering algorithm

ADVANCED FEATURES

- PSI/SI generation, processing and insertion
- Pass-through service support
- PID filtering, PID remapping
- High availability: 1:N redundancy
- Channel bonding (ethernet interface redundancy)
- Time shared services (ES type filtering)
- Full MPTS output

CONDITIONAL ACCESS

DVB-CI - Common interface descrambling through CAM module:

- Two PCMCIA slots - EN 50221

Supported CAS:

- Viaccess, Conax, Irdeto, Mediaguard, Nagravision, Cryptoworks...

ADMINISTRATION & MONITORING

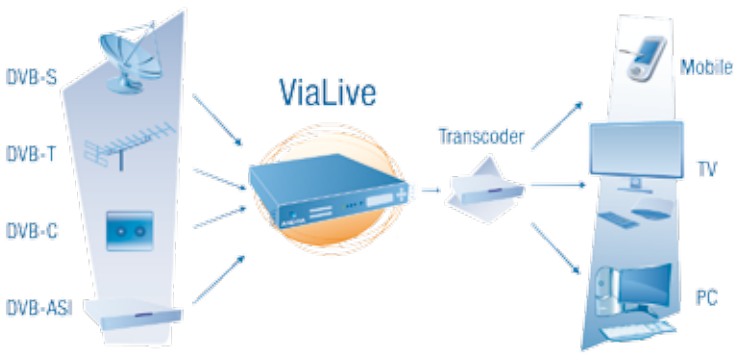
- Web Interface
- Open API (XML..)
- SSH (secure command line interface)
- LCD Panel: IP parameters, bit rate monitoring
- SNMP monitoring & alerts
- RS-232 console

PHYSICAL & POWER

- 19" rack mountable, 1RU
- HxWxD: 44 x 444 x 390mm
- Weight: 7 kg
- Voltage: 100V-240V AC, 50/60 Hz
- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20 to 60°C
- Humidity: 5-95% @ 40°C
- Power consumption: 75 W

COMPLIANCE & SAFETY

- CE Compliance
- FCC part 15 Class B
- ISO 9001 factory



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