

NetUP DVB-S/S2 to IP Gateway 4x



4 DVB-S/S2 inputs, 4 CI slots



NetUP DVB to IP Gateway 4x - front view



NetUP DVB to IP Gateway 4x - rear view

Description

The NetUP DVB to IP Gateway 4x is a high density solution for reception of live satellite TV channels directly from a satellite dish, descrambling them and streaming into an IP network over multicast.

One device is able to receive, descramble and IP stream TV channels from 4 satellite transponders, over 50 TV channels (total bandwidth of 240 Mb/s).

Descrambling is done using any professional conditional access modules (CAM's) such as Aston Viaccess (Irdeto) Pro, PowerCAM Pro, etc.

Applications

- Distribution of SD/HD DVB-S2 signal to set top boxes over a local area IP network
- Digital TV distribution in Hotels, Hospitals, Residential, Military installations, Schools, Cruise Ships, CATV, and others

Product Specifications

PHYSICAL AND POWER

- Height**
- Standard rack-mount case for 19" telecom rack
 - 1U
- Dimensions (WHD)**
- 430 x 44 x 411 mm
- Weight**
- 6 kg
- Power Supply**
- 90 ~ 264 Volts, 47 ~ 63 Hz

INPUTS/OUTPUTS

- 6 x Gigabit Ethernet 10/100/1000 Mb/s
- 4 x DVB-S/DVB-S2
- 4 x CI slots for descrambling using CAM's (conditional access modules)

CONTROL & ADMINISTRATION

- front panel LCD for initial configuration and system summary information
- administration Web interface
- RS-232 console

PERFORMANCE

- satellite TV channels can be received from 4 different satellite transponders at a total bandwidth of 240 Mb/s
- over 50 simultaneous IP streams (4 MB/s per stream)

MEDIA CONTENT FORMAT

- Video Formats**
- MPEG-2, H.264 (MPEG-4 AVC)
- Recommended bit rate**
- 4 Mb/s and more
- Definition**
- SD, HD (720x576 or higher)

CONDITIONAL ACCESS

- Four CI slots**
- independent descrambling of four transponders
 - support of any professional CA modules (e.g., PowerCAM Pro, Aston Pro Solution, etc)

SUPPORT OF VARIOUS IP SET-TOP BOXES

- Different IP set-top box models can be used within the same network.
- Set-top boxes based on Broadcom, Sigma Designs, STM, TI Davinci, and Power PC hardware platforms are supported
- Successfully used IP set-top box models include Amino's AmiNET110, 125, 130, Telergy's T501, D-Link's DIB 120, Hansun's HS6000, Teletec's MAG200 and many others.

OPTIONAL:

Complete IPTV solution – all in one 1U rack-mount box.

- DVB to IP Gateway 4x - compact 1U rack-mount device
- Built-in VOD server – 1 TB, 50 concurrent streams
- Electronic Program Guide (EPG)
- Middleware, interactive user's interface - 1000 subscribers
- IPTV billing system - 1000 subscribers
- IP set-top boxes' firmware upgrade server;
- DHCP, DNS, IGMP querier, IP router

Note: specifications are subject to change without notice