

Highlights

- **XLV_Express Up To 4 Tuners**
4 DVBS/S2 or 2DVBS/S2 & 2DVBT/C
 - **Up to 8 Channels**
- XLV Express X 2 Up to 8 Tuners
 - **Up to 16 Channels**
- **Support Up to 4 CAM**
- Cost-effective DVB-S/T/C TV - Gateway
- MPEG 2&4 over IP streaming
- Stream live channels over IP from 8 transponders.
- Data casting (IP over DVB) capabilities
- Transport Stream de-multiplexing, de-scrambling, and PID filtering
- MPEG 2&4 -over-IP streaming
- Multicast and Unicast UDP streaming
- UPnP ~ DNLA 1.5 Server
- IGMP Server
- **Support Unicable™**
- Easy integration into existing DVB infrastructure & networks
- User- friendly HTML Control Interface
- Support SAP (Service Announcement Protocol)
- Housing
 - Rack mount: 19" - 1U

Overview

The XLV devices integrate Capabilities of reception DTV (MPEG 2/4) & Data Casting (IP over DVB) and streaming over IP

Reception DTV (MPEG 2/4) and streaming over IP

The XLV combines reception of satellite DTV broadcasts and streaming over IP. It is a perfect solution for streaming SD&HD/TV broadcasts over IP networks for a whole gamut of purposes, including: Enterprise TV, Business TV, Digital signage, entertainment and e-learning,

Data Casting (IP over DVB) Capabilities

The XLV devices allow you to receive IP Data over DVB and transmit through your network IP as data packets, unrelated to the video and audio transmissions being received and transmitted simultaneously. This feature enhances the usefulness of the XLV-4 devices for inter- and intra-organizational network communications.

Plug & Play Network Setup

UPnP protocol makes easy to be connected in the IP environment
Standard: Transport Stream (TS) 16 programs in TS/UDP/IP
Announcement using SAP: automatic channel list no search needed

Web Interface

An easy-to-use HTML interface makes the setup and management of the XLV device intuitive and straightforward. Access the interface from any Web browser on the network to complete network management tasks, configure the satellite connection, and monitor network traffic. Online Help is provided for every screen. No LINUX knowledge or experience is required to utilize the commands and features of the XLV software.

Conditional Access Systems

These options allow you to receive data and DTV broadcasts encrypted at creation. The system requires the use of a smart-card in which a unique profile is embedded to ensure that only authorized users can access the data.

VBox Communications Ltd is a provider of customer-premises receiver solutions for digital TV and data broadcasting networks. VBox products provide digital TV reception capabilities such as handling of encrypted content for Pay TV services and delivery of high-quality video, audio, and data services. VBox provides Routers and Gateways for the reception of data and high-quality digital contents from digital broadcast infrastructures and their distribution over LAN.



Up to 4 RF Tuner

External connector: 2 X F type, female
Possible Mix of DVB-S/DVB-T or DVB-C

DVB-S/S2 Reception

QPSK & 8PSK: SR = 1–45 MSps
Receiving frequency: 950 MHz to 2150 MHz
Input signal level:
dBm to -65 dBm nominal 25-
RF input impedance: 75Ω

2 X LNB Power and Switching

Supply Voltage Selectable: 13V or 18V
Max LNB Current: 400 mA
Antenna Control: 22 kHz signal

DVB-T/T2

Supports all DVB-T2 modes, including
1.7, 5, 6, 7, 8MHz signal bandwidths
Frequency range: 177 – 858MHz

DVB-C

Complies with NorDig-Unified Ver2.2.1
Wide symbol range, 1.8 to 7.2Msym/s
Frequency range: 113 – 858MHz

Data Rates

Output to LAN: 45 Mbps sustained

Data Handling and De-multiplexing

Multi-Protocol Encapsulation (MPE)
Datagram and section packing
Unicast/multicast filtering
Multicast address filters :128
PID Filters:
UDP/TCP/IP protocols
PSI/TCP private tables
LLC SNAP/null encapsulation

Streaming Output Formats

Standard: Transport Stream (TS)
32 programs in TS/UDP/IP
Announcement using SAP

Optional:

CI for CAM Tuner 3&4
HTTP streaming
UPnP ~ DNLA 1.5 server
Elementary Stream –ES
Packetized Elementary Stream-PES
Program Stream –PS
Subtitle
Streaming RTP
Save to file
Streaming from file
EPG
Diseq 2 compliant
Support Unicable™

LAN Interface

Connector: 1x RJ-45
Speed: 10/100/1000 Auto-Sensing

LED Indicators

Power On
LAN Led
Tuner Locks

Physical/Environmental Data

Housing 2 options
Rack mount: 19" - 11/2 U

Operating Temperature:

0 -40°C / 32 - 104°F

Storage Temp:

-10 - 85°C / 14 - 185°F

Operating Humidity:

10% - 90%

Power Supply

12v DC adaptor
Power input: 100-240 VAC
Power frequency: 50-60 Hz
Power Consumption: 60 W (typical)

Regulatory Compliance

CE, FCC- Part 15 Class B

Ordering Guide

Name	Description	Video DVB to IP	Tuner	*Optional CI for CAM
XLV Express 3330 19"	1*DVB-S & 3 DVB-S2	Y	Up to 4	2
XLV Express 3330 19" Unicable*	1*DVB-S & 3DVB S2	Y	Up to 4	2
XLV Express 3340 19"	2 DVB- S & 2 T/C	Y	Up to 4	2
XLV Express 3342 19"	2 DVB-T/T2 or 2 DVB-C	-	Up to 2	1
XLV Express 33XX 19" with Additional 3330 , 3340 or 3342 in the same 19" BOX			Up to 8	Up to 4

