

VIDi4d MPEG-4 DECODER

MediaPOINTE's VIDi4d decoder is used in conjunction with the VIDi4 encoder blade for video over IP transport. The VIDi products stream video resolutions up to 720p & 1080i and graphical resolutions up to 720 x 1280 over a WAN network. The VIDi4d connects to any display, TV, plasma or LCD and decodes a live stream from any of the VIDi4 encoder blades on the network. Corporations, education and government institutions can create their own broadcast network with the VIDi products.

The VIDi4d is designed to provide system integrators with a premium solution for interactive AV-over-IP. The incorporation of low bit rate codecs such as H.264 allows the use of HD content without the associated bandwidth issues. The reduction of bandwidth allows for lower infrastructure costs, thus reducing the total cost of ownership. be both discreet and robust.

The slim-line black case can be mounted under a desk or counter top and is designed to discourage unauthorized removal. With the remote control access the unit is easily controlled by the user and multiple channels can be selected within the network.

Features

- High performance integrated silicon architecture, 300 MIPS with dedicated codec support
- Flexible AV options
- HDMI with HDCP up to 720p and 1080i
- Composite, S-Video, Component, RGB and SCART
- Dolby 5.1 multi-channel audio (optical S/P-DIF) and analogue stereo
- 4:3 and 16:9 video stream aspect ratios
- MPEG 1, 2 & 4 (AVC) H.264
- TVI support for leading hospitality TVs
- Video Protocols
- Multicast IPTV (IGMP control)
- VoD (RTSP control)
- USB 2.0 master
- IR remote control (combines TV and VIDi4d functions)
- Discreet, robust chassis with integral fixings
- Optional remote IR Extender
- Cost effective management and maintenance
- Key-protected, scalable multicast software upgrade
- Remote management via network
- Macrovision copy protection

IR Extender

For prestige environments, where minimum visibility installation is required, the VIDi4d can be installed out-of-sight behind a cabinet or partition. To allow control of the STV an IR Extender (sold



separately) replicates the IR input and blasting facility on the front of the STV, with a range of 6 meters.

The IR Extender is mounted close to the display using the adhesive pads supplied. Its 2.5 meters cable lugs into the STB connector.

Content Protection

The VIDi4d supports a variety of smart-card-less conditional access (CA) systems.

Installation

Installation requires:

- One power socket for the external, in-line power supply
- One Ethernet connection to the VIDi
- Optional remote IR Extender

Detailed Specifications

Outputs	HDMI, Composite, S-Video, Component Video, SCART, SD/HD PAL or NTSC-M, Optical S/P-DIF, USB 2.0, TVI port, Ethernet 10/100 Base T
Inputs	Ethernet 10/100 Base T
Codecs	MPEG1, 2, & 4
Size	190 x 134 x 36 mm
Power	5.2 V, 3A, 8W typical usage
Operating Environment	ETS 300-019-1-3 Class 3.1
EMC Conformance	EN55022. FCC Part 15
Safety Approvals	Safety certification to EN60950, & ELSVD. CE,CB & CSA safety approval

Accessories

Multi-function IR Remote (Customer Specific)	Standard
IR Keyboard	Optional
Power Supply with Regional Power	Standard
SCART Cable	Optional
Svideo + Composite Cable (CVBS)	Optional
Component Video Cable (YpbPr)	Optional
HDMI Cable	Optional
Remote IR Extender	Optional

