

NETWORKTV

NetworkTV Set Top Box

The NetworkTV Set Top Box receiver / decoder (Prod# NTVSTB) is an IP based high definition device designed to provide the ultimate user experience with support for IPTV services including multicast, VOD, and Internet access.

The compact device delivers a great image quality through high memory utilisation, power efficiency, and maximum bandwidth performance that is required by ever-demanding streaming needs.

This set top box is equipped with a powerful Quad Core media processor in a light-weight, modern package which provides a flexible and personalized viewing experience. It provides high quality extensive functionality to allow advanced streaming protocols that enables a broadcast experience in superior quality — up to ultra high definition 4K.

- Android 4.4
- 4K & 2K HEVC/H.265
- 4K & 2K AVC/H.264
- Enhanced 3D GPU
- Plug & Play
- Flexible Audio and Video Outputs
- Easy Installation and Setup
- Remote Management
- Fully Compatible with Open International Protocol
- PoE option



NetworkTV

NetworkTV is a complete IPTV solution that helps your enterprise manage and control live and recorded digital video content.

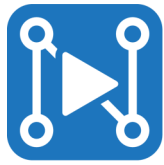
NetworkTV presents a simple-to-use management portal to control IPTV hardware devices across your intranet such as encoders, tuners, streamers and set-top-boxes. It also provides an integral library function to help you organise recordings and pre-recorded content.

If your organization has existing content, it can be uploaded into the centralised NetworkTV Library with the facility to add metadata, poster frames and tagging that will ensure searching for videos is a simple task for your users.



NETWORKTV

tv, video and av on your network



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NetworkTV Set Top Box - NTVSTB Specification:

Embedded Architecture

SoC: ARM Cortex A7 Quad Core CPU with MPEG decoder

CPU: Single Core 1.5GHz, Total up to 11,400DMIPS

GPU: Mali-450*4

eMMC: 4GB

DDRIII: 1GB

OS: Android 4.4

Video

Decoding Standard:

H.264/AVC MP & HP up to L4.2

H.265/HEVC MP up to L5.0 High Tier

Video Format: PAL / NTSC

Aspect Ratio: 4:3 and 16:9

Out Definition:

480i, 480p, 576i, 576p, 720p,

1080i, 1080p, 2160p

H.264 2160p@ 30fps

H.265 1080p@ 60fps, 2160p@30fps

Video Output: CVBS, HDMI1.4

Audio

Decoding Standard: MPEG (Layer1,2), MP3

Volume Control: 32-level adjustable, mute

Audio Output: Mono / Stereo, HDMI1.4

Protocol

IP Protocol: IPv4

Network Protocol: TCP/IP, HTTP, POP3, DHCP, DNS, FTP, NTP, SSL, PPPoE, SNMP, SMTP

Streaming Protocol:

IPTV Multicast (IGMP)

Video on Demand (RTSP/RSVP control)

HTTP

Transport Protocol: TS over UDP, TS over RTP

Input and Output Interface

Front Panel

3× LEDs for IR, Link and Power indicate

1× IR Receiver

Rear Panel

Ethernet Interface: 1×10/100M Base-T, RJ45

Micro SD Card ×1

Digital Audio/Video Output: 1× HDMI

Analog Audio/Video Output: 3.5mm Jack ×1

12V/1A DC IN Jack for Power Supply

Power Switch ON/OFF

Side Panel

USB2.0 Host ×1

USB3.0 Host ×1

OSD

3D Graphic Acceleration -

OpenGL E2.0/1.1,

OpenVG1.1

2D Graphic Acceleration

Colour: 32-bit ARGB for Video

Alpha Blending: 256 levels

OSD Flicker Filter

Picture-in-Graphics

Application Software

Works with a variety of Video Servers, Supports VCR Control and Trick-play Function

Embedded Browser:

HTML5.0, JavaScript 1.5, Webkit

Picture Format: GIF, JPEG, BMP, PNG, etc.

Multi-Language Support

Support for Multiple PID's Provided

Supports Remote Configuration and Diagnosis

Supports Online Software Upgrade

Supports JavaScript-based Network Games and 3D Motion Games with R707 Chubby Motion Sensor Remote Control

Others

Dimensions: 95×93 ×20mm (W×D×H)

Power Consumption: <10 W

PoE Injector: Port Maximum Power: 12W (IEEE 802.3af)

Input voltage :36-57V, Output voltage: 12V

