



SMARTBOX 2

FULL HD SET-TOP BOX

Smartbox 2 is a full HD Set-top Box with Android Kitkat 4.4 optimized for IPTV and Internet TV services.

Nearly 1 million boxes are now in service.



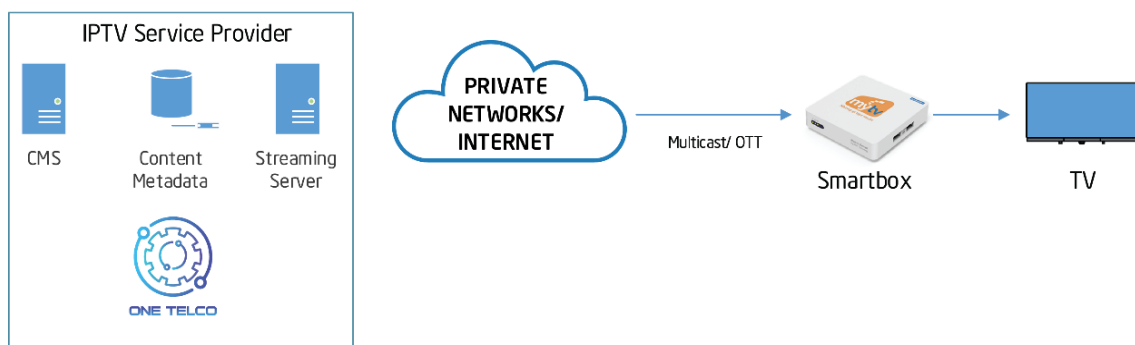
PRODUCT HIGHLIGHTS

- Optimized for IPTV and Internet TV services
- Support DRM content protection
- Managed by VNPT Technology ONE Telco Platform, an unified device management system, using TR-069 protocol
- OTA auto software upgrade

TYPICAL DEPLOYMENT MODELS

Support flexible deployment models:

- Stream and control traffics run on SP's local networks, typically use multicast streaming
- Stream and control traffics run on public Internet, typically use http streaming



TECHNICAL SPECIFICATIONS

System

- CPU Quad-core 1.5Ghz
- GPU Quad-core 600 MHz
- RAM 1GB/2GB DDR3
- Flash eMMC 8GB
- SD Card Micro SD, up to 128 GB

Connectivity

- A/V 1x Mini A/V Connector
- 1x S/PDIF
- 1x HDMI

- USB 2x USB 2.0
Mouse and keyboard compatible
- IR Internal/ Optional external IR receiver

Networking

- Wi-Fi IEEE 802.11b/g/n (2.4GHz, onboard)
- Ethernet 1x10/100Base-T (RJ-45) with 1.5KV

Lightning Protection

Audio/Video

- Video Resolution Max 1080p@60fps
- Video decoder H.264/MPEG-4 AVC Main Profile Level 3, H.265/HEVC Main Profile Level 3 720p, 1080i, 1080p
- Video aspect ratio 4:3,16:9
- Audio decoder MPEG1 Layer 1/2, AAC 44kHz, 48 kHz
- Image JPEG/BMP/GIF/PNG/TIFF

Content Protection

- DRM Verimatrix (optional)
HDCP

Software

- OS Android 4.4 (KitKat)

Management

- Protocol TR-069
- Remote management Via ONE Telco Platform
- Firmware upgrade OTA
USB


Power

- Adapter 12V-1.25A
Overvoltage/
overcurrent protection

Operating temperature and humidity

- Operating Temperature 5 °C ÷ 40 °C
- Operating Humidity <95%

CUSTOMER CARE & TECHNICAL SUPPORT CENTRE

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