

- Amlogic S905X chipset
- ARM v8 4xCortex A53 architecture
- 2D/3D accelerators, support for OpenGL
- OS Android 7.1
- App store
- Support for widely used Middleware
- Android API, SDK
- Support for H.265, HDR
- 4K decoding
- Wi-Fi 802.11a/b/g/n/ac¹



Eltex NV-series IPTV set-top boxes on Android provide new level of service provision.

NV-711, NV-711-Wac and NV-711-WB set-top boxes are good tools for digital television services promotion and acquisition of new customers.

Android platform

Android allows to create a unified platform for access to services with known interface such as AndroidTV.

Customized app store creation

The open platform and development tools (SDK, API) provide quick creation of new operator services.

Hardware

Quad-core Amlogic media processor supports a wide set of audio and video formats.

Up-to-date Wi-Fi technologies¹

NV-711-Wac and NV-711-WB support up-to-date Wi-Fi standards: 802.11a/b/g/n/ac. The devices implement stable real-time traffic transmission.

Peer-to-Peer TV

NV-711 series set-top boxes support real-time playback of media files via DC++ and Torrent protocols without a PC or files preloading to local disk. There is an opportunity of downloaded files queue creation, background loading and organization of illustrated page (catalogue) for media content.

Basic services

- 4K, Full HD IPTV
- OTT
- VoD
- Media Player (files playback from external device and local network)
- Electronic program guide (EPG)
- Support for cloud services
- Online sources: Internet radio, etc.
- Provider's app store
- Support for HLS
- Peer2Peer TV (video streaming via DC++, Torrent)

¹ Only for NV-711-Wac and NV-711-WB

Features and capabilities

Main characteristics

- Amlogic S905X processor
- ARM 4xCortex A53 architecture
- More than 12 000 DMIPS
- 1 GB RAM
- 8 GB Flash
- 2D/3D accelerators, OpenGL
- OS Android 7.1
- Support for H.265
- Support for HDR

Interfaces

- 1 x LAN 10/100
- 1 x USB 2.0
- HDMI 2v0
- Port for external IR receiver connection
- AV out

Common

- Support for HLS
- Support for DRM: A.R.E.S. DRM
- Support for Full HD 1080p, 4K
- Multilinguality
- An opportunity to connect computer mouse or keyboard
- Management and search by voice:
 - IR remote control
 - Bluetooth remote control (optionally, available only for NV-711-WB)
 - Programmable remote control – Android app

Video

- Screen resolution: Full HD 1080p, 4K, HD 720p
- Supported video formats: MPEG1, MPEG(+HD), MPEG4(+HD), XviD, DivX, H.264, Wm9, AVCHD, Vc1, HEVC

Audio

- 44,1/ 48/ 96 kHz

Network

- Supported protocols: IP, HTTP, DHCP, NTP, IGMP (multicast), ICMP, UDP, RTP, RTSP, PPPoE, DLNA, SAMBA, Bit-torrent

Services

- Customized app store, Android applications
- Firmware update via customized app store
- Opportunity of local updating
- Customization of the interface and settings

Wi-Fi wireless network¹

- Dual band Wi-Fi IEEE 802.11a/b/g/n/ac, 2.4/5 GHz
- Embedded antenna

Physical characteristics

- Dimensions (LxWxH), mm: 102.4 x 21.8 x 93
- Placing: desktop, wall-mounting
- Case material: IR-transparent plastic

Power supply

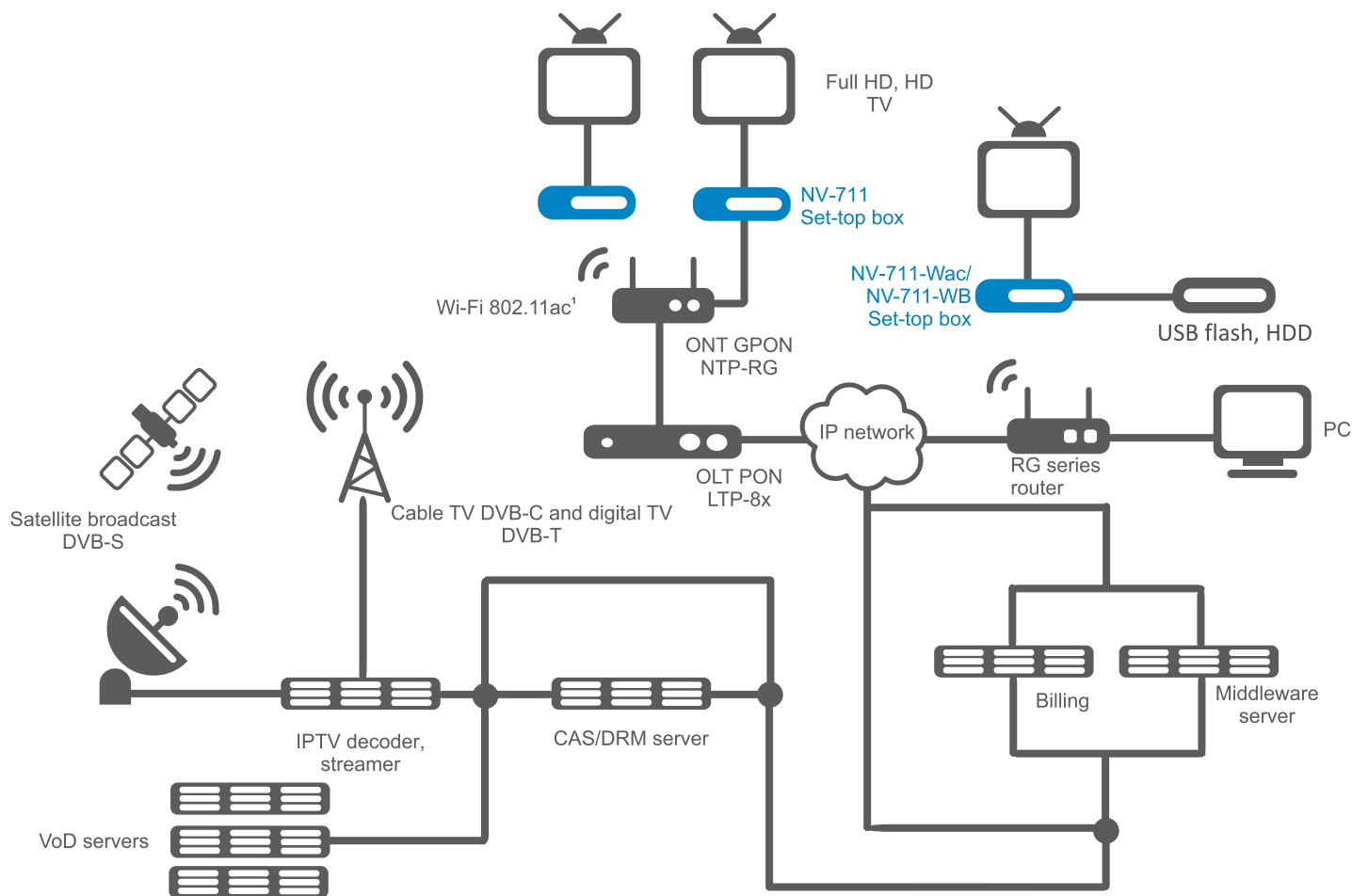
- Power adapter: 5.3V/2A

Package supply

- IPTV set-top box
- Power adapter
- IR remote control (bluetooth remote control for NV-711-WB)
- 2 AAA batteries
- HDMI cable
- Installation and connection manual



Use case



¹ Only for NV-711-Wac and NV-711-WB

Ordering information

Name	Description	Image
NV-711	4K Set-Top box and mediaplayer, Amlogic S905X, 1 GB RAM, Android 7.1, 1xLAN 10/100, 1xUSB 2.0, HDMI 2.0	
NV-711-Wac	4K Set-Top box and mediaplayer, Amlogic S905X, 1 GB RAM, Android 7.1, 1xLAN 10/100, 1xUSB 2.0, HDMI 2.0, Wi-Fi 802.11a/b/g/n/ac	
NV-711-WB	4K Set-Top box and mediaplayer, Amlogic S905X, 1 GB RAM, Android 7.1, 1xLAN 10/100, 1xUSB 2.0, HDMI 2.0, Wi-Fi 802.11a/b/g/n/ac, Bluetooth	

Additional options

IR remote control	Programmable remote control for TV and set-top box	
Bluetooth remote control ²	Bluetooth remote control with search by voice feature	

² Supported only by NV-711-WB

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About EltexAlatau

EltexAlatau company is one of the first communication equipment manufacturers in Kazakhstan established in 2012. The main focus of the enterprise is a set of solutions and the opportunity of their seamless connection to the customer's infrastructure.