

VIP7300 UHD IP Streamer

4K UltraHD, AV1, HEVC, Wi-Fi 6

COMMSCOPE®



FEATURES:

- Android TV™ 11 certified, available with CommScope Genesis scaling program or with specific Service Provider defined customizations
- RDK capable, available with CommScope Merlin scaling program
- Supports TiVo® and many other software platforms
- High-performance Amlogic® S905X4 SoC, 24K DMIPS, secure processor
- Wi-Fi® 6: 802.11ax 2.4GHz and 5GHz 2x2 selectable
- HEVC and AV1 support
- High Dynamic Range support: HDR10, HLG and optional Dolby Vision™
- Pre-integrated Bluetooth® voice-enabled remote control
- Service Provider branding and customization options

PRODUCT OVERVIEW:

The VIP7300 is a compact, stylish IP client device with premium-quality industrial design, providing a high-quality 4K UltraHD video viewing experience. It delivers high-performance and Service Provider-quality in a cost-effective set-top solution, so is ideal for targeting “cord cutter” and “cord never” customers with OTT streaming services as well as delivering a full range of premium live TV and on-demand services.

The set-top supports a wide-range of software platforms, including CommScope’s Genesis (Android TV) and Merlin (RDK) scaling programs for accelerated time to market, as well as third-party middleware.

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For service providers looking to deliver unique customer experience, CommScope offers hardware and software customization options and ongoing support services.

Wi-Fi 6 2x2 connectivity ensures reliable, high quality IPTV delivery without network cables.



Rear view

DC input, HDMI output, Ethernet, Optical Digital audio



Side view

USB 3.0, USB 2.0, Reset



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GENERAL SPECIFICATIONS

Processing:

CPU	Amlogic S905X4: Quad-Core Cortex-A55, 24K DMIPS, ARM Mali-G31 MP2 850MHz, OpenGL ES 3.2, Vulkan 1.1, OpenCL 2.0
DRAM	DDR4; options: 2 GB, 3 GB, 4 GB
Flash	eMMC Flash; options: 8 GB, 16 GB, 32 GB

Audio/Visual Interfaces:

Digital Video	HDMI 2.1; HDCP 1.4 and 2.2
Digital Audio	Optical Digital Audio output

Audio / Video Output:

Video Resolutions	All standard resolutions and frame rates up to UHD 4Kp60 HDR (2160p60 10-bit)
Audio Codecs	Dolby Digital™, Dolby Digital Plus™ MPEG-1, MP3, AAC LC, HE-AAC v2 and others
Video Codecs	HEVC (H.265) Main 10@L5.1 (2160p60, 10-bit) MPEG-4 AVC (H.264) HP@L5.1 (2160p30, 1080p60) MPEG-2 and MPEG-1 MP@HL (1080p60) AV1 Main@L5.1 (2160p60, 10-bit) VP9 Profile 2 (2160p60, 10-bit) and others HDR10, HLG Option: Dolby Vision

Other Interfaces

Ethernet	RJ-45 10/100 Mbps Fast Ethernet
Wi-Fi®	Wi-Fi 6: 802.11ax 2x2 2.4GHz/5GHz selectable
Remote Control Support	Bluetooth® Low Energy 5.0 Option: IR UEI Creek and S6A support for TiVo products T4H Notus M support for Genesis Android TV Can integrate Service Provider specified remotes
USB	1 x USB 3.0 Type A 900mA 1 x USB 2.0 Type A 500mA
Status LED	Red/Blue LEDs
Buttons	Reset pin-hole

Physical Properties:

Dimensions	105mm x 105mm x 21.7mm
Weight	Set-top only: 0.17kg; packed: 0.56kg typical

Regulatory Compliance:

Energy Efficiency	Compliant with the VA/VIA 2018 Agreement and CE Coc v9
Environment and Safety	FCC Certified, RoHS Compliant UL Certified, CE and WEEE

Power:

Power Supply	External PSU; Input: 100-240V, 50-60Hz; Output: 12V, 1A, 12W
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Operating Environment:

Temperature	0°C to 40°C (32°F to 104°F)
Humidity	8% to 95% (non-condensing)

Software:

Operating System	Android TV or RDK
Middleware	Capable of supporting CommScope Genesis (Android TV) or Service Provider defined custom launchers, CommScope Merlin (RDK), TiVo and many others
DRM	PlayReady 4.x (SL3000) Widevine L1



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