



amino **VU**

KAMAI 7BA

POWERFUL 4K UHD ANDROID CLIENT TV DEVICE, INCORPORATING ADVANCED WI-FI OPTIONS, TO DELIVER THE NEXT GENERATION OF IPTV/OTT SERVICES TO MULTIPLE TV SCREENS AROUND THE HOME.



Android TV Operator Tier Certified Ultra-HD Client TV Device Delivering Exciting OTT Content with an Exceptional User Experience

TV remains the predominant viewing method in a household, but what consumers are watching is evolving. Linear content is being supplemented, and in many cases replaced, by OTT content as cordcutters look to reduce costs and are finding great content in many formats. Operators are positioning their service delivery systems to be flexible enough to provide content in any format from any source allowing a blend of traditional video delivery and OTT over the same platform.

Features

- Android TV Operator Tier certified opening the window to the Google Play Store's boundless applications, services and games
- Superior 4K Ultra-HD resolution, 4x greater than 1080p for best viewing experience
- Enhanced user applications including federated search and voice control
- Whole-home Ultra-HD video distribution with flexible networking options: Wi-Fi and optional Gigabit Ethernet

AMT
advanced media technologies®



Modern TV User Experience

Today's consumer is experiencing a renaissance in the way they consume content. Whether it is the TV or another device, the ability to find and watch any content, anytime is appealing. The Kamai 7BA introduces this capability to both the operator and the consumer in an effective and appealing format including:

- Rich, visual UI providing an eye-catching interface
- Federated search of live/recorded TV and OTT content unifying the search across all content sources
- Voice control enabling quick response to finding your favorite program, actress or genre support for Google Assistant included enabling advanced voice control and interaction.

Consumers want convenience rather searching multiple applications to find content. The Kamai 7BA provides convenience by allowing the consumer to stay on input 1 for all their viewing habits. No more changing inputs to get to another device needed to watch content from Netflix or other services.

No more having to login each time as well with user names and passwords. The Kamai 7BA user experience simplifies the experience providing stickiness for the operator and ease of use for the consumer.

Cloud-based Applications for a Connected Home Experience

As an Android TV product, the Kamai 7BA meets consumer demand by opening the door to accessing the Google Play Store meeting subscriber's demand by offering the most advanced online services and applications including services like Netflix, VUDU, and YouTube.

Wireless Distribution

The Kamai 7BA series supports 802.11ac dual band 4x4 Wi-Fi solution for wireless Ultra-HD video distribution throughout the home. Reduce installation time, cost and complexity of wiring a home with WiFi. 4x4 Wi-Fi provides excellent coverage, superior performance and a high quality of service (QoS) for distributing video within the home.

When matched with an accompanying access point, the Kamai 7BA enables whole-home Wi-Fi transmission for hassle-free installation and easy distribution of Ultra-HD video throughout the home without wires. The Kamai 7BA series provides a true video-grade Wi-Fi client solution and cost-effective architecture to accelerate the adoption of IP-based video services.

Technicians are more efficient as they spend less time at each home and you increase the number of new installations per day. Additionally, when subscribers move or churn, your investment remains intact in the equipment rather than in the home wiring.

The addition of Bluetooth technology improves wireless connectivity to allow for out of sight placement of the Kamai 7BA.

Kamai 7BA series offers flexible networking technologies to ensure you have the best options to meet your customer's distribution requirements.



SPECIFICATIONS

VIDEO FORMATS	
Standard Supported Formats:	VC/H.264 High Profile @ Level 4.2 HEVC/H.265 MPEG-1/H.261/H.263 MPEG-2 Main Profile @ High Level VP9 (for YouTube)
Optional Supported Formats:	MPEG-4 Part 2 Advanced Simple Profile VC-1 Advanced Profile @ Level 3 MPEG still picture decode
AUDIO FORMATS	
Standard Supported Formats:	Dolby Digital Consumer Audio (Dolby Digital), output is 2 channel decode and digital pass-through Dolby Digital Consumer Plus Audio (Dolby Digital Plus), output is 2 channel decode and digital pass-through MPEG I Layer 1, 2 LC-ACC & HE-AAC
Optional Supported Formats:	Windows® Media Audio (WMA) MPEG I Layer 3 (MP3)
VIDEO OUTPUTS	
	NTSC-M, NTSC-J, PAL-BDGHIN, PAL-M, PAL-Nc, SECAM analog outputs 480i/480p/576i/576p/720p/1080i/1080p/4K-2KP60 output formats Component RGB or YPrPb output DCS support Rovi 7.1 support HDMI 2.0 with 3D format support
SECURITY	
	AES, 1DES, 3DES, CPRM, CPPM, CSS, and DTCP copy protection algorithms and standards VB, ARIB, and DC2-compliant transport demux with 1DES, 3DES, DVB, Multi2, and AES descramblers

NETWORKING OPTIONS	
	Integrated Broadcom Wireless 802.11ac (5.4 GHz) 4x4 Wi-Fi Real-time Digital Transmit Beam Forming (MIMO) Baseband 4T4R, up to 4 spatial streams Client-to-client direct connection (TDLS) Digital beam forming for up to 4.5db gain Standards: 802.11ac, 802.11a, 802.11h, 802.11n, 802.11e, 802.11i Wi-Fi Compliant: WMM, WMM-PS, WPA, WPA2, WPS Encryption: AES, TKIP, WEP64/128 RF: 4.9GHz – 5.85GHz Modulations: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM FEC: 1/2, 2/3, 3/4, 5/6 Max PHY Rate: 1.7Gbps Bluetooth/BLE 4.0
ENERGY MANAGEMENT	
	Power 7W maximum at 90-264VAC, 48-63Hz Compliant with European Union's Energy using products directive for standby regulation
TYPE APPROVALS	
	FCC Part 15, CEA-60065
FRONT & SIDE PANELS	
	Illuminated standby indicator (on/standby) IR receiver Standby Button Wi-Fi Strength Indicator
BACK PANEL	
Connectors	Optical digital audio 3.5mm jack for CVBS +L/R Audio HDMI 2.0 USB 3.0 Host Type A Reset to factory RJ-45 10/100/1000 Base-T Ethernet with integrated status LEDs WPS Button DC power

CPU & MEMORY	
	14K DMIPS, quad-core ARM-v7 CPU 1GB or 2GB RAM options 8GB (standard) or 16GB (option) EMMC Flash
MECHANICAL	
	5-35°C (40-95°F) operating temperature 30-95% relative humidity

This document contains information on a product under development. Amino Communications Ltd reserves the right to change or modify this specification or discontinue this product without notice.