Kamai 7X

Powerful 4K UHD client device with tuner options

Features

- Distribute 4K Ultra-HD content without sacrificing bandwidth
- Reduce bandwidth by up to 50% with HEVC support
- Self-configuring Ethernet port and optional Wi-Fi connectivity for easy integration with existing in-home networks and broadband services
- High Dynamic Range (HDR) processing including HDR10 and HLG
- Energy efficient with DeepSleep™ technology for reducing power consumption up to 99% in standby mode
- 802.11ac dual-band 2x2 WiFi option
- Hybrid Tuner Options
- Higher memory options for Pause Live TV support
- Option for internal Bluetooth LE for great remote control flexibility

Overview

- Optimized to deliver digital video broadcast and streaming media services
- Delivers highest possible resolution while reducing required bandwidth and associated costs
- Streamline device deployment with self-install wizard
- Powered by AminoOS software simplifying integration with a wide variety of middleware and DRM solutions, as well as existing infrastructure such as multicast, MPEG-2 and more

All AminoVU devices can be enriched by AminoSM Engage, our SaaS platform streamlining device deployment and management, while enhancing customer support.

Specifications

Processing	
CPU	7K DMIPS, dual-core ARM-v8 CPU
DRAM	1GB or 2GB RAM
Flash	512MB, 8GB eMMC or 8GB iNAND

Software	
Operating System	Linux

Audio / Video Interfaces	
Digital Video	HDMI 2.0
Analog Video	CVBS + L/R Audio

Video Formats	
Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p60, 2160p60 10-bit
Audio Codecs	Dolby Digital, Dolby Digital Plus, MPEG I Layer 1 and 2, LC-ACC & HE-AAC
Video Codecs	AVC/H.264 High Profile @ Level 4.2, HEVC/H.265, MPEG-1/H.261/H.263, MPEG-2 Main Profile @ High Level, VP9
Other codecs on request	

Tuners	
Optional DVB-C/T/T2 software switchable or QAM tuner	

Other Interfaces	
Ethernet	10/100 Base-T Ethernet
Wi-Fi	2x2 802.11ac/n dual-band selectable (optional)
USB	1x 2.0
Status LED	Standby button with status LED
Remote Control Support	IR 36KHz (Standard) / BLE (Option)

Regulatory Compliance	
Environment and Safety	FCC Certified, CB Certified, CE Certified, RoHS Compliant

Power	
Power Supply	External, 12V / 1A
Power Consumption	7W maximum, fully equipped

Operating Environment	
Temperature	5-40°C (40-104°F) operating temperature
Humidity	30-95% relative humidity

Physical Properties	
Size (L*W*H)	170mm x 117mm x 36mm
Weight	239g