Barracuda Video/Audio IP-Streaming Platform

Barracuda Encoder/ Decoder

The barracuda combines advanced HEVC H.265 video streaming and recording. Simply connect 4x 1080p60 HD-SDI cameras or 1x 4K p60 SDI camera and stream your content worldwide. Barracuda can either act as encoder or decoder depending on the loaded firmware.

Barracuda core features

- Low Latency Video Streaming – H.265 Codec via 4G/5G, WLAN or Gigabit Ethernet
- 1 ASI Port (RX / TX)
- 5 Channel bi-directional SDI ports; 1x 4K p60 or 2x 4K p30 or 4x 1080 p60 or 5x 1080 p30
- Support for interlace and progressive video formats
- AAC audio streaming
- Audio Input and Output in the SDI Signal or you connect your Mic in 3.5 mm jack
- Power and Menu control for the ATOM one cameras
- Video Recording on SD Card, USB 3.0 storage or internal SSD
- OLED status display

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Weight	580g
Construction	High quality lightweight aluminium with active cooling system
Dimensions (W x H x D mm)	120x100x40
Operating power	22W
DC In	9-36 Volt
SDI	1x 4Kp60 or 2x 4Kp30 or 4x 1080p60 or 5x 1080p30 and interlace support
Signal	10-bit 422 (camera dependent)
Supported formats	1080i 50/60, 1080p 24/25/30/50/60, 2160p 24/25/30/50/60
SDI	2ch 48kHz 24-bit
Audio	Line-In/Mic stereo 3,5mm jack in Line-Out/Headset stereo 3,5mm jack out
SSD	internal M2 SATA SSD
SD-Card	up to 64GB
USB 3.0 Port Supported media	4K / HD (50p/60p) USB Stick /external harddrive / SSD
LTE Modem with GPS support	Cat-12 Sierria Wireless EM7565 - Peak Upload Rate 150Mbps - with swappable SIM card
ASI	270Mb ASI transport stream
Gigabit Ethernet	1G Ethernet
optimizes streaming	SRT - PRISTINE QUALITY, LOW LATENCY and SECURE STREAM
ATOM Camera Connection	Power and RS485 with one cable
Additional Interfaces	CAN, RS422 / RS485, RS232

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