

Barracuda Encoder



Barracuda Decoder



The barracuda combines advances H.265 videostreaming and recording. Simply connect 4x 1080p60 HD-SDI cameras or 1x 4K p60 camera and stream your content worldwide.

Barracuda core features

- Video Streaming – H.265 Codec Gigabit Ethernet or LTE or WLAN
- Low Latency Streaming (under 200 ms)
- 1x 4Kp60 or 2x 4Kp30 or 4x 1080p60 or 5x 1080p30
- Audio Streaming AAC
- 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



Barracuda Encoder



Barracuda Decoder



Weight	500g	500g
Construction	High quality lightweight aluminium with active cooling system	High quality lightweight ABS Polycarbonate for durability & portability
Dimensions (WxHxDmm)	120x100x40	120x100x40
Power		
Operating power	22W	22W
DC In	9-16 Volt	9-16 Volt
Video input		Video output
SDI	1x 4Kp60 or 2x 4Kp30 or 4x 1080p60 or 5x 1080p30	1x 4Kp60 or 2x 4Kp30 or 4x 1080p60 or 5x 1080p30
Signal	10-bit 422 (camera dependent)	10-bit 422 (camera dependent)
Supported formats	1080i 50/60, 1080p 24/25/30/50/60 2160p 24/25/30/50/60	1080i 50/60, 1080p 24/25/30/50/60 2160p 24/25/30/50/60
Audio in/out (48kHz PCM audio)		
SDI	2ch 48kHz 24-bit	2ch 48kHz 24-bit
Audio	Line-In/Mic stereo 3,5mm jack in Line-Out/Headset stereo 3,5mm jack out	Line-In/Mic stereo 3,5mm jack in Line-Out/Headset stereo 3,5mm jack out
Recording		
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	
Streaming		
LTE Modem	Cat-12 Sierra Wireless EM7565 - Peak Upload Rate 150Mbps - with swappable SIM card	
Gigabit Ethernet		
optimizes streaming	SRT - PRISTINE QUALITY, LOW LATENCY and SECURE STREAM	
latency	<200ms	
Atom camera		
Connection	Power and RS485 at one cable	

Dream Chip Technologies GmbH
Steinriede 10
30827 Garbsen, Germany
Fon +49 (0)5131 / 908 05-0
Fax +49 (0)5131 / 908 05-102
info@dreamchip.de
www.dreamchip.de

© 2018
Dream Chip Technologies GmbH
All rights reserved.

Product specifications are subject to change without notice.

