

ZAO & ZAO-S long term rental service



Soliton's Zao family of encoders are mobile H.265 / HEVC live streaming devices for use with the 4G and 5G mobile networks, Wi-Fi or fixed lines, and are now available to rent across the European market.

The Zao and ZAO-S can be used for a number of security and broadcast applications for live streaming from **drones, helmet cams, surveillance and action cams, as well as being utilized for TV outside broadcast needs.** The live stream can be sent to any location globally whether it be a command & control center, or a TV broadcast station. As light weight and portable encoders, the Zao and ZAO-S connect directly to the mobile cellular network, are easy to set-up and manage and are highly portable.

By using **H.265 encoding**, this allows the Zao and ZAO-S to **continue transmitting, even in low bandwidth or congested situations** and with super low latency. Traditional systems use H.264 that are not as efficient or as reliable.

RASCOW is Soliton's protocol to dynamically aggregate 4G and 5G networks, and optimize the video quality based on the available bandwidth in real-time ensuring reliability.

The Zao and Zao-S can be placed in moving vehicles, motorcycles, drones and helicopters and RASCOW automatically monitors mobile signal strength and dynamically optimizes.

BENEFITS

- H.265/HEVC Encoder
- Up to 3x 3G/4G/5G SIM cards with ZAO-S, and up to 6x 3G/4G/5G SIM cards with Zao
- Alternative LAN (Zao has dedicated ethernet port, Zao-S uses USB to LAN convertor)
- Supports Wi-Fi Dongles
- Connections are bonded in real-time using RASCOW
- Low latency (from 240ms) end-to-end
- Low bandwidth needs
- Small, compact unit
- Support up a standard vlock batteries (14-18V)
- 8 Hour battery life
- Input either HD-SDI or HDMI (1080i/720p)
- Streams to a global IP Address anywhere in the world
- Uses HD-view software on Win7/10 platform to decode back to HD-SDI, RTMP or RTSP at receiving end
- Comes with backpack, cables for dongles and a vlock plate for battery
- Zao and ZAO-S controller app freely available to download for iPhone



Smart-Telecaster ZAO-S

- H.265/HVEC Encoder
- Up to 3 x 3G/4G modems
- Alternative LAN (Zao-S uses USB to LAN convertor)
- Supports Wi-Fi Dongles
- Connections are bonded in real-time using RASCOW
- Low latency (from 240ms) end-to-end
- Small, compact unit (350 grams)
- Internal battery (1 hour) + External battery (3 hours)
- Input either HD-SDI or HDMI
- Comes with backpack and an external battery

Smart-Telecaster HD View

- 4ch. RASCOW Receiver/Decoder Software
- SDI/HDMI output through Blackmagic Declink Quad2
- RTMP / RTSP / NDI re-stream options
- Local recording, screenshot, talkback
- Live video transmission settings adjustments



Smart-Telecaster ZAO

- H.265/HVEC Encoder
- Up to 6 x 3G/4G modems
- Alternative LAN (Zao has dedicated ethernet port)
- Supports Wi-Fi Dongles
- Connections are bonded in real-time using RASCOW
- Low latency (from 240ms) end-to-end
- Small, compact unit (900 grams)
- Support two standard V-mount battery inputs
- Input either HD-SDI or HDMI
- Comes with backpack and a vlock plate for battery

Smart-Telecaster HD View Single

- 1ch. RASCOW Receiver/Decoder Software
- SDI/HDMI output through Blackmagic Declink cards
- RTMP / RTSP / NDI re-stream options
- Local recording, screenshot, talkback
- Live video transmission settings adjustments

*Price includes: A temporary license for HD View software and Dongles.



Soliton Systems Europe N.V.

Jachthavenweg 109-A, 1081 KM Amsterdam, The Netherlands | +31 (0)20 280 6060 | emea@solitonsystems.com | www.solitonsystems.com

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