



The World's First H.265 Hardware Encoder

# Smart-telecaster *Zao*







# Smart-telecaster Zao

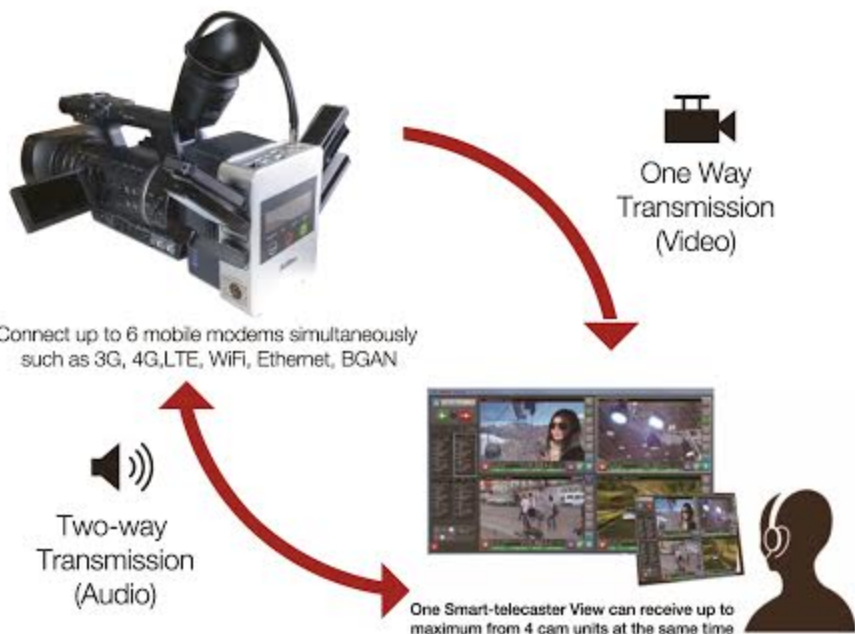


- Video Encoding : H.265/HEVC Main profile, Lv 1-4
- Networks : 4G, 3G, LTE, WiMAX, WiFi, Inmarsat BGAN, Ethernet, etc.
- Multiple Link : Up to 6 Channels
- Error Correction : ARQ, Packet Sort
- Transport Protocol : UDP/IP(RASCOW)
- Encryption : AES 256bit
- Authentication : Passcode
- Video Interface : HD-SDI, HDMI(1080i)
- Bitrate : 200Kbps ~ 10Mbps
- Audio Encoding : Vorbis
- Audio Frequency : Max 48kHz Stereo / Mono
- Dimension : 123mm x 160mm x 46mm
- Weight : About 1Kg(without battery)
- Accessory : Transition back pack, Camera mount plate

For More Information

## DELIGHT GROUP

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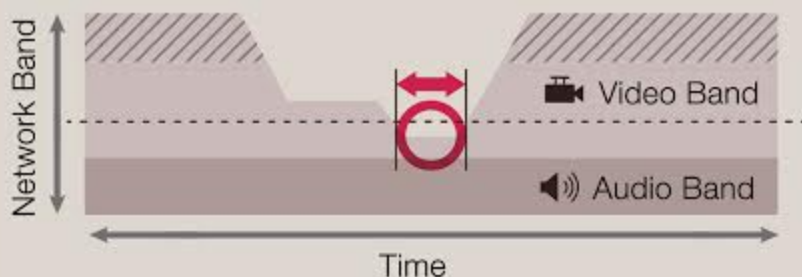


H.265/HEVC provides superior video quality and up to twice the data compression as the previous standard (H.264/MPEG-4 AVC)

Continuous power supply by safe power transition between Main Power IN and Sub Power IN

Easy setup and simple operation

### Proprietary Protocol "RASCOW"



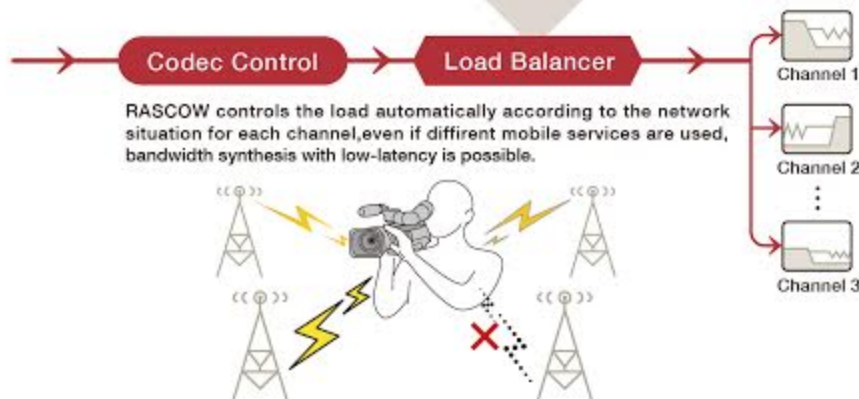
Frame rates are adjusted dynamically according to the network throughput



Usual Transmission



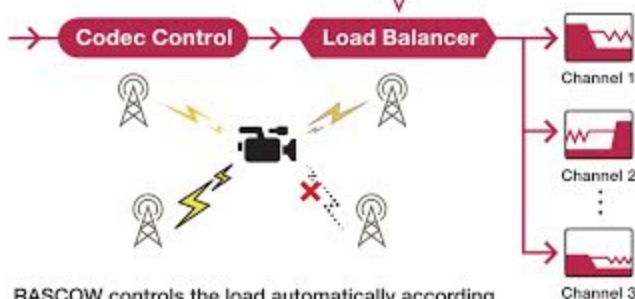
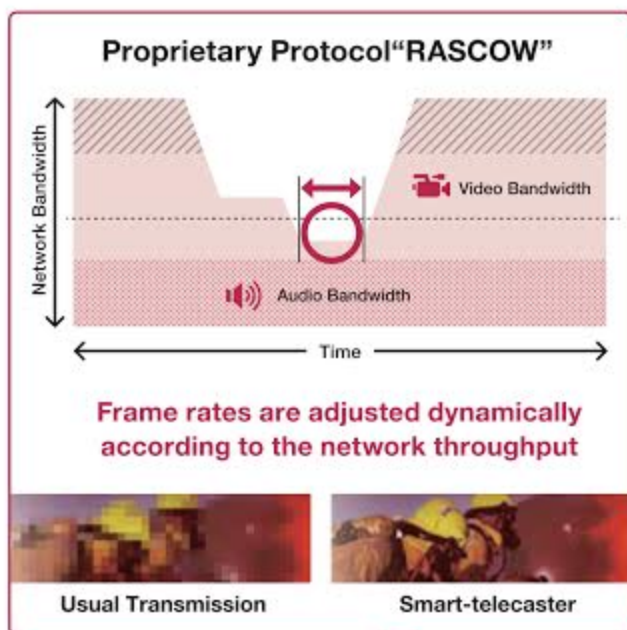
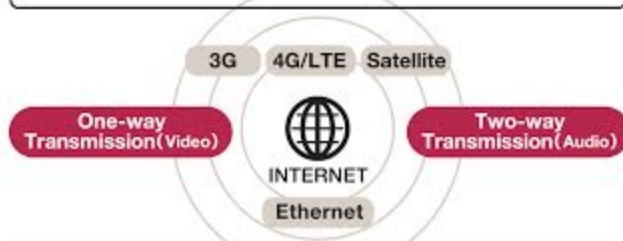
Smart-telecaster



The mixed-use of different mobile carriers makes broadcasting possible even if some signals break off

**Achieve a high-quality transmission by combination of "RASCOW" protocol and H.265**

# The World's smallest H.265 mobile encoder



RASCOW controls the load automatically according to the network situation for each channel, even if different mobile services are used, bandwidth synthesis with low-latency is possible.

The mixed-use of different mobile carriers makes broadcasting possible even if some signals break off

Achieve a high-quality transmission by combination of "RASCOW" protocol and H.265

## Soliton® SMART-TELECASTER Zao S

- Video Encoding : H.265 Main Profile
- Video Resolutions : 1080i / 59.94/50, 720p / 59.94/50, 480i / 59.94, 576i / 50
- Video Interface : HD-SDI (Mini din), HDMI
- Networks : WCDMA, LTE, WiFi, Ethernet, etc.
- Multiple Link : 3 (External modems)
- Error Correction : ARQ, Packet Sort
- Transport Protocol : UDP/IP (RASCOW)
- Encryption : AES 256bit
- Dimension(WxHxD) : 77mmx123mmx35mm
- Weight : About 350g
- Battery : About 60min



For More Information

- [www.smart-telecaster.com](http://www.smart-telecaster.com)
- [www.solitonssystem.com](http://www.solitonssystem.com)
- [www.delightgroup.co](http://www.delightgroup.co)

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