

Soliton[®]

Zao-X

Smart-telecaster™

5G 4K
ULTRA-LOW LATENCY



VR LIVE STREAMING



TELEOPERATION

BONDED LIVE STREAMING FOR EVENTS IN VR AND 3D
MOBILE SURVEILLANCE WITH REAL-TIME DRONE VIDEO FEED
REMOTE DIAGNOSIS AND REMOTE SUPPORT

SMART-TELECASTER ZAO-X IS HERE TO TRANSMIT THE REALITY WITH 4K QUALITY

MEDICAL



PUBLIC SAFETY

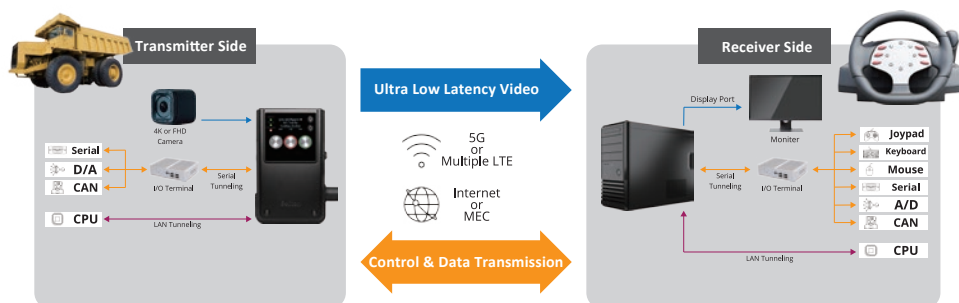
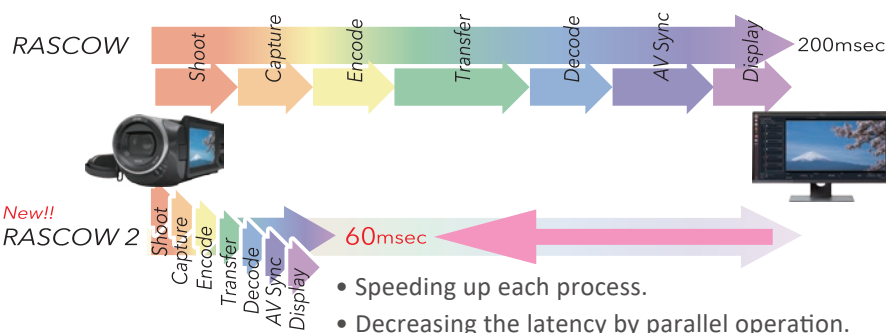


1 Ultra Low Latency

The unique RASCOW2 protocol brings the glass to glass latency down to its minimum limits by making the video and data transmission faster and more stable.

2 4K Video Transmission

H.265/HEVC codec reduces the data amount and enables 4K live video transmission even with 4G LTE and next generation 5G networks.



3 Control & Data Transmission

RASCOW2 supports LAN tunneling and serial tunneling. The control signal is transmitted without interruptions by having priority over video and audio.

4 MLU (Multi Link Unit)

Smart-Telecaster Zao-X is designed to be used with dedicated data communication unit. MLU uses nano sim cards and it supports bonding up to 4x 4G LTE modems.

Specifications

Size:	140 x 95 x 45 mm 340 g
Modem:	4 Built-in 4G LTE Modems
Communication:	LTE 150Mbps/ 50Mbps
Supported Bands:	LTE Cat 4 (LTE Use Equipment 4) MLU-G LTE Bands; 2, 3, 4, 7, 12, 13, 17, 20 North America: 2, 4, 12, 13, 17 Europe 3, 7, 20 (TDD Band 33 is not supported)
SIM Type:	nanoSIM x4



Smart-telecaster™ Zao-X

• Video Encoding Method:	H.265 / HEVC (512kbps~20Mbps)
• Video Format:	2160p, 1080p, 1080i, 720p *1
• Video Input Interface:	HDMI / 3G-SDI (BNC)
• Audio Encoding Method:	Opus
• Audio Input Interface:	HDMI / SDI (Embedded), USB
• Encryption Method:	AES 256bit
• Transmission Protocol:	RASCOW2
• Encode Mode:	ULL / Normal *2
• Bonding Support:	Up to 6 lines
• Supported Connections:	MLU / LAN / USB-Ether (4G + 5G)
• Receiver System:	Zao View, HD View (v5.x and above)

* 1: Depends on the encoding mode, * 2: Depends on the receiving system environment

