

Digital Data Link and Video Processor

Low-latency network HD video codec board

—1080P video and bidirectional multi-channel data link for unmanned systems

The transmission of high quality video from unmanned aerial and ground aircraft is especially important for safety today. DDL provides a digital data link with significant advantages for these sensing platforms.

Combining H.264 encoding with image stabilization and IP-based digital data links, this OEM module weighs only 46 grams and is compact and power-efficient, making it an ideal platform for unmanned equipment.

DDL data links maintain the best compression and lowest latency for the best image quality. Through DDL data link, video transmission is convenient to achieve fast and accurate decision-making.

Peculiarity

- H.264/H.265 encoding, 4K/720P/1080P, less than 65ms delay
- Electronic image balancing, boundary sharpening and contrast enhancement
- Digital video transmission, HDMI/HD-SDI/Cameral-Link/IP and RJ45 multiple simultaneous interfaces
- RS232/422 Serial communication, IP bridge
- Two-way instruction and control, link loading
- AES 128/256 encryption
- Support Song Block, FLIR, or DRS LWIR
- 1 watt RF power (5-15 watts optional)

Applications

- Surveillance, reconnaissance and intelligence of drones, unmanned vehicles
- Border and perimeter security
- Mobile security

Maximize the Real-time Information You Get From Unmanned Systems

Get maximum real-time information from unmanned systems



1 watts

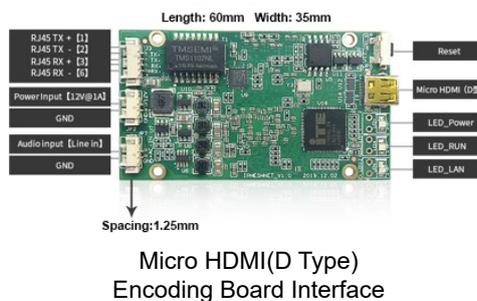
7.8x5.7x3.0cm, 147g



Encoding Plate

6.0x3.3x5.0cm, 13.7g

Video Encoder Enclosed(DDL Data Link Inside)



Shenzhen Sinosun Technology Co.,Ltd.

Address: Room 3A17, South Cangsong Building, Tairan Science Park, Futian District, Shenzhen City, Guangdong Province, P. R. China.
Postcode: 518040 Phone: +86 755 83849417 83435240 Fax: +86 755 83849434 E-mail: 13823678436@139.com WWW.SINOSUN.CN

Johnson: +86 13902912908(Mobile&WeChat) +852 44017395(Mobile&WhatsApp) Tony: +86 13823678436(Mobile&WeChat)

Beijing: +86 13811936491

Shanghai: +86 13564038257

Chengdu: +86 13540153264

Xi'an: +86 13991217256