

# CINELYNK

NOT JUST SIGNAL TRANSMISSION. THIS IS SIGNAL SUPREMACY.

## General

Latency	Down to 45 ms in HD and 75 ms in 4K
Link capacity	Maximum 100 Mbps

## Encoder MT-102V

High efficiency dual channel encoder in Mil Spec rugged housing with integrated connector protection bars	
Integrated 5 port 10/100 Mbit Ethernet switch	
Dual channel HEVC and H.264	
Encodes and streams 2x HD/SD sources simultaneously, or 1x4K channel	
2 channels with encoding resolutions up to 3840x2160p60 total, frame scaling and frame rate range 1-60, low latency encoding	
1x12G-SDI, 1x3G-SDI and 1x analogue stereo audio input	
UDP TS, RTP TS/ES, RTMP and error correction (Zixi / Pro-MPEG / SRT) protocols	
AES encryption (128/256-bit)	
CVBS	Optional

## RF

MIMO Techniques	Spatial multiplexing, space-time coding, TX/RX Eigen Beamforming
Output power	1 mW - 10 W (up to 20 W effective w/TX Beamforming)
Channel BW	5-10-20 MHz
Available freq bands	400 MHz to 6 GHz (See radio datasheet for details)

## Mechanical

	Encoder	Radio SC4200
Size (h x w x d)	130 x 100 x 48 mm	101 x 67 x 38 mm
Weight	725 g	425 g
IP rating	IP67	IP68
Material	Black or natural anodized aluminium	Black anodized aluminium
Temp range	-40 to +65 °C	-40 to +65 °C

## Power

Power consumption	9 W	5-16 W @ 1 W TX power
		5-24 W @ 4 W TX power
Voltage	9-20V DC, internal DC/DC converter with reverse polarity, overvoltage & undervoltage protection	9-20 V DC
Power options	Fed from ext. battery	Fed from encoder
Status indicator	Green LED	Multicolour LED

## Interfaces

Primary cable	Mil Spec IP68 10 pin connector --> ODU primary cable Silvus (power, ETH, RS232), 30 cm or 2 m
Breakout cable	Mil-Spec IP68 22 pin connector --> 5 x Switchcraft connector (power in, 2 x Ethernet, RS232, audio), 30 cm. Compatible with Silvus SC 4200 / 4400
Video	2x Amphenol HD BNC

AVAILABLE THROUGH  
**3ELEMENTS**

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