

VidOlink 5G



VIDOVATION

Moving Video Forward

Low Cost HD SDI HDMI Wireless Link with Anton Bauer Battery Mount

FEATURE HIGHLIGHTS:

- Full HD A/V Transmission up to 100 meters or 300 feet
- Support for 500 meters or 1600 feet with optional directional antennas
- One transmitter supports up to 4 receivers
- Supports SDI and HDMI inputs via selector switch
- Supports SDI and HDMI outputs simultaneously
- Automatically Detects HD-SDI / SD-SDI with support for 3G HD-SDI
- Supports resolutions up to 1080p60
- Encoding Bitrate of up to 50Mbps
- Adaptive encoding for RF conditions
- Low latency of less than 30msec
- 5GHz RF unlicensed spectrum
- Tally Control (Tally LED, Return Tally) via GPIO Port
- External 12VDC power supply included
- Anton Bauer Camera Mount and Anton Bauer Battery Mount
- Option for V-lock available
- Battery power is passed through to camera
- Low Power Consumption
- Bi-Directional Data Link at 11Kbps
- Signal Protection with 802.11i with 2x MIMO



VidOlink 5G Receiver Front



VidOlink 5G Receiver Back with Battery

PRODUCT DESCRIPTION:

VidOvation is proud to introduce the VidOlink family of low costs wireless video links. The VLK-5G-SDI-HDMI-AB wirelessly transmits a HD SDI and HDMI video signal up to 100 meters or 300 feet with H.264 compression. The system will reach up to 500 meters or 1600 feet with optional high gain antennas. A 20mWatt 802.11 wireless link is used with dual antennas for 2x MIMO transmission. The combination of low latency and low cost makes VidOlink 5G family ideal for Broadcast, Sports, News, Corporate, House of Worship, Government and Military applications where budgets may be more of concern. The system utilizes 802.11i 128bit AES encryption for a secure transmission. One transmitter can connect to up to 3 receivers simultaneously. The system is powered via included external power supplies. The VLK-5G-SDI-HDMI-T/R-AB supports a Anton Bauer Camera Mount and Anton Bauer Battery Mount. Option are available for V-lock camera and battery mounts.



VidOlink 5G Transmitter with Camera



VidOlink 5G Optional High Gain Antennas

Let VidOvation help you roll up the clutter of cables with our broad range of wireless video transport systems. Our products come in all shapes and sizes while fitting into your budget parameters. These systems support short and long range applications. VidOvation realizes every wireless video need is different and we specialize in finding superior products to match some of the most demanding needs. Please call today.



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Specifications:

VLK-5G-SDI-HDMI-T	
Input	
1 x BNC	HD/SD-SDI, 3G/1.485G/270M
1 x HDMI	HDMI, (with HDCP v.1.1), 19pin Female
Audio Input	
1 x Phone Jack In	3.5mm TRS, Line Level Input
Video Formats	
HD	1920 x 1080 (60p, 59.94p, 50p) 1920 x 1080 (60i, 59.94i, 50i, 30p, 29.97p, 25p, 24p, 23.98p) 1920 x 1080 (30psf, 29.97psf, 25psf) 1280 x 720 (60p, 59.94p, 50p)
SD	NTSC, PAL
Output	
1 x BNC	SDI Active Loop Output
Radio	
Frequency	U-NII-1(5.15~5.25 GHz), U-NII-3(5.725~5.85 GHz)
Transmission Power	20mW (13.5dBm)
Transmission Distance	100m (300 feet), 500m(1600 feet, with optional antenna)
Latency	30ms
Encoding/Decoding	H.264 Base Profile @ 4.2
Antenna	2T x 2R SMA Female
Security	802.11i compatible signal protection by 128bit AES encryption
Multiple Receivers	up to 3. (Maximum distance may decrease due to signal division)
General	
1 x GPIO	GPI-7 Port, RJ-45P Jack
2 x mini_USB	F/W Update (MAIN , MICOM)
4 x LED	Power, Link, Battery, Tally
4 x Switch	Reset, Pairing, Input Selection, Power
Battery	Anton Bauer
Power Requirements	DC (7V~17V) or AC Adaptor(100 ~ 230V, 50Hz/60Hz)
Power Consumption	10W
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Operating Humidity	20% ~ 80% RH
Weight	870g
Dimension	152.2 x 90.0 x 42.2 mm (5.9 x 3.5 x 1.6 inch)
Multiple Receivers	up to 4. (Maximum distance may decrease due to signal division)

VLK-5G-SDI-HDMI-R	
Output	
2 x BNC	HD/SD-SDI, 3G/1.485G/270M
1 x HDMI	HDMI Out
General	
1 x IR	Remote Control Unit
1 x GPIO	GPI-7 Port, RJ-45P Jack
1 x mini USB	for Firmware Update
4 x LED	Power, Link, Battery, Tally
Battery	Anton Bauer
Power Requirements	DC (7V~17V) or AC Adaptor(100 ~ 230V, 50Hz/60Hz)
Power Consumption	9W
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Operating Humidity	20% ~ 80% RH
Weight	870g (1.9lbs)
Dimension	152.2 x 90.0 x 42.2 mm (5.9 x 3.5 x 1.6 inch)

ORDERING INFORMATION	
VLK-5G-SDI-HDMI-T-AB	VidOlink 5G Low Cost SDI and HDMI Transmitter with Anton Bauer Camera and Battery Mount
VLK-5G-SDI-HDMI-R-AB	VidOlink 5G Low Cost SDI and HDMI Receiver with Anton Bauer Camera and Battery Mount

