

BZ2000-PRO



Blitz 2000 Pro Wireless Uncompressed Zero Delay HD Video System

UPC: 847983023288

Overview

The Ikan Blitz 2000 Pro is the latest addition to the Blitz family of wireless transmitters. With the BZ2000 Pro, we added a high gain panel antenna to increase the range to 2000 feet. The units are designed to be compatible with Ikan's Quick Mount system. The Blitz features uncompressed, zero delay wireless video in a lightweight affordable package. With a 2000 foot range, this system is perfect for those professionals that are in need of ultra-long range wireless video.

Special Features

- Transmits Uncompressed with Zero Delay Wireless Video
- Designed with Ikan's Quick Mount System
- 3G-SDI and HDMI Inputs & Outputs
- Up to 2000 ft. Line of Sight Range
- Transmitter Supports Sony L Series Batteries
- Supports up to 4 Receivers connected to 1 Transmitter



Specifications (Transmitter & Receiver)

Interface	3G-SDI Input (BNC Female) HDMI Input (Type A Female) 2 x Antenna Ports (RF-2 SMA Male) DC Input (4 Pin Lemo compatible Female)	3G-SDI Input (BNC Female) HDMI Output (Type A Female) DC Input (4-Pin Lemo compatible Female)
Input Voltage	7-16.8V DC	7-16.8V DC
Power Consumption	<6.5W	<7.5W
Dimensions	115 x 67 x 23mm	182 x 127 x 24mm
Weight	254g	662g
Input Video Format	HDMI: 525i, 625i, 720p 50/59.94/60 1080i 50/59.94, 1080p 23.98/24/25/ 29.97/30/50/59.94/60 SDI: 3G, HD, and SD-SDI (Auto-Selected) SMPTE-259/274/292/296/372/424/425	
Output Video Format		HDMI: 525i, 625i, 720p 50/59.94/60, 1080i 50/59.94, 1080p 23.98/24/ 25/29.97/30/50/59.94/60 SDI: 3G, HD and SD-SDI (Auto Selected) SMP TE-259/274/292/296/372/424/425
Audio Input	SDI Embedded 4 Channel 24-bit / 48KHz	
Audio Output		SDI Embedded 4 Channel 24-bit / 48KHz
Signal Indicators	Power: Green / Video: Yellow	Power: Green / Wireless Signal 5x Green Video: Yellow
Frequency Bands	5.1-5.9 GHz	5.1-5.9GHz
Modulation Mode	OFDM 16QAM	OFDM 16QAM
Transmission Power	Max 21 dBm	
Receiver Sensitivity		-75 dBm
Band	40MHz	40MHz
Operating Temperature	0°C~40°C (Operating) -20°C~60°C (Storage)	0°C~40°C (Operating) -20°C~60°C (Storage)
Compliance	FCC, CE	FCC, CE

Specifications (Antenna)

Frequency Range	5.0-5.9 GHz
Gain	14±0.5 dBi
(F/B Ratio)	>25 dB
Isolation	>26 dB
Horizontal / Vertical Beam Width	40 ± 5° / 40 ± 5°
V.S.W.R.	<2.0
Polarization	5 Ports- 3 Ports vertical, 2 Ports ± 45°
Maximum Power	100W
Impedance	50 ohm
Operating Temperature	-40°F ~ 131°F (-40°C ~ 55°C)
Connector Type	5 x N-K
Lightning Protection	DC Ground
Antenna Dimensions	12 x 12 x 0.9 in. (305 x 305 x 25mm)
Material	ABS
Weight	4.3 lbs (1.97 kg)
Rated Wind Velocity	36.9 m/s

What's Included

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|---------------------------------------|---|
| 1 x Articulating Arm | 1 x Sony L Series Battery Plate (Installed) |
| 1 x Clamp | 1 x Stand Mount Brace |
| 1 x Hard Case | 1 x Transmitter |
| 1 x Mounting Screws | 1 x V-Mount Battery Plate (Installed) |
| 1 x Panel Antenna | 2 x P-Tap to Lemo Compatible Cables |
| 1 x Receiver | 6 x NJWC to SMA Coaxial Cable Connectors |
| 1 x Receiver Mounting Bracket | 7 x 5GHz Antennas (SMA Female) |
| 1 x Shoemount Adapter for Transmitter | |

Optional Accessories

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|--------------------|---|
| BZ400-ANT | Replacement Antenna for Blitz Wireless Video System |
| BZ400-ARM | Articulating Arm for Blitz Wireless Video System |
| BZ400-CLAMP | Mounting Clamp for Blitz Wireless Video System |
| BZ400-LEMO | P-TAP to 4-Pin Lemo Compatible Cable for Blitz System |

