

MERIDIAN

Zero Delay HD Wireless Link

For nearly a decade the Meridian system has been the industry standard for mission critical zero delay HD live transmission within the 5GHz licence-exempt spectrum.

The Meridian system easily integrates into temporary or permanent installations by providing a high quality, uncompressed HD wireless transmission for situations where extremely low latency is essential.

With countless production credits to its name the Meridian has a proven track record when it comes to multi-camera studio environments. In an increasingly congested licence-exempt spectrum, the Meridian comes into its own by using a much narrower channel bandwidth than many of the other products on the market thereby increasing the robustness of the signal.

The Meridian remains the cornerstone of Boxx TV's zero delay product range and when combined with bolt-on and form factor options, provides a system that is versatile enough to suit any production requirement.



FEATURES

- Extremely high quality 4:2:2 video transmission
- Signal strength meter on each antenna
- No pairing required
- Transmission to an unlimited number of receivers
- Minimal configuration
- SDI loop through on the Transmitter
- Dual SDI output on the Receiver
- 4.3" LCD monitor on the Broadcast Receiver
- Perfect for multi-camera installations
- Designed by and for industry professionals

SPECIFICATIONS

	Transmitter	Portable Receiver	Broadcast Receiver
Latency:	< 1 millisecond		
Range:	N/A	Broadcast: Up to 100m line-of-sight Video Assist: 600m	Broadcast: Up to 150m line-of-sight
Video Input/Output:	HD-SDI, composite		HD-SDI, composite, component
Format:	Up to 1080 60i		
Audio Input/Output:	2 channel embedded and balanced analogue line-level		
Channel Selection:	Automatic or manual		
Transmission Method:	Pixel Prioritisation Protocol		
RF Power Output:	Up to 100mW	N/A	
Modulation:	OFDM		
Bandwidth:	20MHz		
Frequency:	5.1 - 5.9GHz		
Antenna Ports:	4 x RP-TNC	5 x RP-SMA	5 x N-Type
Firmware:	Upgradeable via USB		
Size & Weight:	145mm x 155mm x 38mm, 1kg		493mm x 165mm x 67mm, 2.7kg
Temperature Range:	-5° to 50° C		
Power:	6.5 - 32V DC 9 Watts via 4-pin Hirose or Anton Bauer/V-lok Battery Plates		6.5 - 32V DC 9 Watts via 4-pin XLR
Mounting:	1/4 & 3/8 inch spigot		Light stand spigot or U1 rack mount