



MERIDIAN

Transmitters

The Meridian wireless microwave broadcast system is designed for high quality, zero delay HD and SD live transmission offering an affordable alternative to traditional COFDM systems.

Meridian transmitters have been specifically designed to be lightweight, compact and are available with either an Anton Bauer, V-lok battery mount, or without battery plates for mounting to a DV, Red or film camera

Features

- Zero frame delay
- HDSDI, SDI, component, composite video input
- Extremely high quality 4:2:2 video
- 5.1 - 5.9GHz licence exempt band
- Secure encrypted transmission in unicast mode
- Removable antennas
- Lightweight design
- Switch between Anton Bauer and V-Lok plates

Specifications

Latency:	<1 millisecond
Video Input:	SDI, HDSDI, component, composite
Format:	SDI-SMPTE, PAL, NTSC. HDSDI-SMPTE up to 1080i
Audio Output:	2 channels embedded or balanced analogue line level
Transmission Method:	Pixel Prioritisation Protocol
Time Code:	Embedded time code transported over link
RF Power Output:	Up to 100mW
Modulation:	OFDM
Bandwidth:	20MHz
Frequency:	5.1 - 5.9GHz
Security:	256 bit encryption AES
Firmware:	Upgradable via USB
Antennas:	4 x RP-TNC and 1 x RP-SMA (return data)
Control:	Configuration via LCD touch screen
Power:	6.5 - 18V DC 9 Watts on 4 pin Hirose or battery plate
Mounting:	Anton Bauer or V-Lok plates / No plates
Size:	Approx. 155mm x 145mm x 38mm
Temperature Range:	-5° to 50° C
Made in:	United Kingdom



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