

MERIDIAN PORTABLE SYSTEMS

Meridian Portable systems are comprised of a Meridian Portable Receiver and a Meridian Transmitter, to provide a lightweight, compact wireless transmission solution using industry standard Anton Bauer and V-Lok battery mounts.

The Meridian Portable Receivers offer an enhanced range performance with a 5 way antenna as illustrated. For Steadicam use, the Portable Receiver system is an ideal solution for portable field monitoring or video assist applications.



FEATURES

- Zero frame latency (<1 millisecond)
- HD-SDI, SDI, composite video input
- 5.1 - 5.9GHz licenced, and licence-exempt band
- Extremely high quality 4:2:2 video transmission
- Signal strength meter on each antenna
- Switch between Anton Bauer and V-Lok plates

Now Includes:

- SDI Loop Through on Transmitter
- Dual SDI output on Receiver

Transmitter Specifications

| | |
|----------------------|--|
| Latency: | <1 millisecond |
| Video output: | HD-SDI, SDI, composite |
| Format: | Up to 1080 60i |
| Audio output: | 2 channels embedded and balanced analogue line-level |
| Transmission method: | Pixel Prioritisation Protocol |
| RF Power Output: | Up to 100mW |
| Modulation: | OFDM |
| Bandwidth: | 20MHz |
| Frequency: | 5.1 - 5.9GHz |
| Antennas: | 4 x RP-TNC connectors |
| Firmware: | Upgradable via USB port |
| Control: | Configuration via LCD touch screen |
| Power: | 6.5 - 32V DC 9Watts via 4-pin Hirose |
| Size: | Approx. 145mm x 155mm x 38mm |
| Weight: | 1kg |
| Temperature Range: | -5° to 50° C |
| Made in: | United Kingdom |

Portable Receiver Specifications

| | |
|----------------------|--|
| Latency: | <1 millisecond |
| Video Output: | Dual SDI, HD-SDI, SDI, composite |
| Format: | Up to 1080 60i |
| Audio Output: | Embedded and 2 channels balanced analogue line-level |
| Down-converter: | Any HD format simultaneously converted to PAL or NTSC |
| Transmission Method: | Pixel Prioritisation Protocol |
| Modulation: | OFDM |
| Bandwidth: | 20MHz |
| Frequency: | 5.1 - 5.9GHz |
| Antennas: | 5 x RP-SMA connectors |
| Firmware: | Upgradable via USB port |
| Range: | Up to 100 metres line-of-sight for Broadcast/600 metres video assist |
| Channel Select: | Automatic or manual |
| Control: | Configuration via LCD touch pad |
| Power: | 6.5 - 18V DC 9Watts via 4-pin XLR |
| Temperature Range: | -5° to 50° C |
| Mounting: | Light stand spigot |
| Made in: | United Kingdom |