

microLITE HD

COFDM Transmitter

Features:

- SD and HD encoding
- 250mW RF output power
- Optimized for size
- True broadcast quality video
- MPEG4 Part-10/H.264
- Supports embedded audio
- Very low power consumption
- Customized versions available
- Video, audio, data and telemetry
- User friendly controls

Accessories:

- Wide selection of antennas
- Soft and hard carrying cases

Applications:

- Point of view cameras
- Concealed applications
- Camera mounted



The microLITE HD Transmitter is a product focused on the future of broadcast workflow. The camera mountable Tx features SD/HD encoding in a miniature transmit solution package. The microLITE HD can deliver 250mW from a package of less than 6 cubic inches!

Designed for a new generation of HD (SDI) capable compact cameras, the TX supports video and embedded audio transmission with selectable modulation bandwidths of 6, 7 and 8 MHz. The unit's size makes it ideal for point of view, and reality based productions as well as confidence monitoring.

The microLITE may be camera mounted via a hot-shoe or paired with Litepanels camera mounted lighting solutions. The microLITE features superb H.264 SD and HD encoding capabilities and operates in the standard 2k DVB-T COFDM mode. The H.264 video encoder supports the main profile of the H.264 standard, providing a 30% bit rate reduction or video quality improvement compared to encoders which only support the H.264 baseline profile.

Like all RF Central products, the microLITE HD has a user friendly local control panel. It has four keys to control preset selection, High/Low RF power, Tx/Standby and Color Bars. The microLITE HD is a perfect companion to our microLINK HD RX to form a complete link. The unit is available in 2 GHz, 5.8 GHz and other bands upon request.