

RFX-CMT-II

HD Upgradeable Camera Mount Transmitter

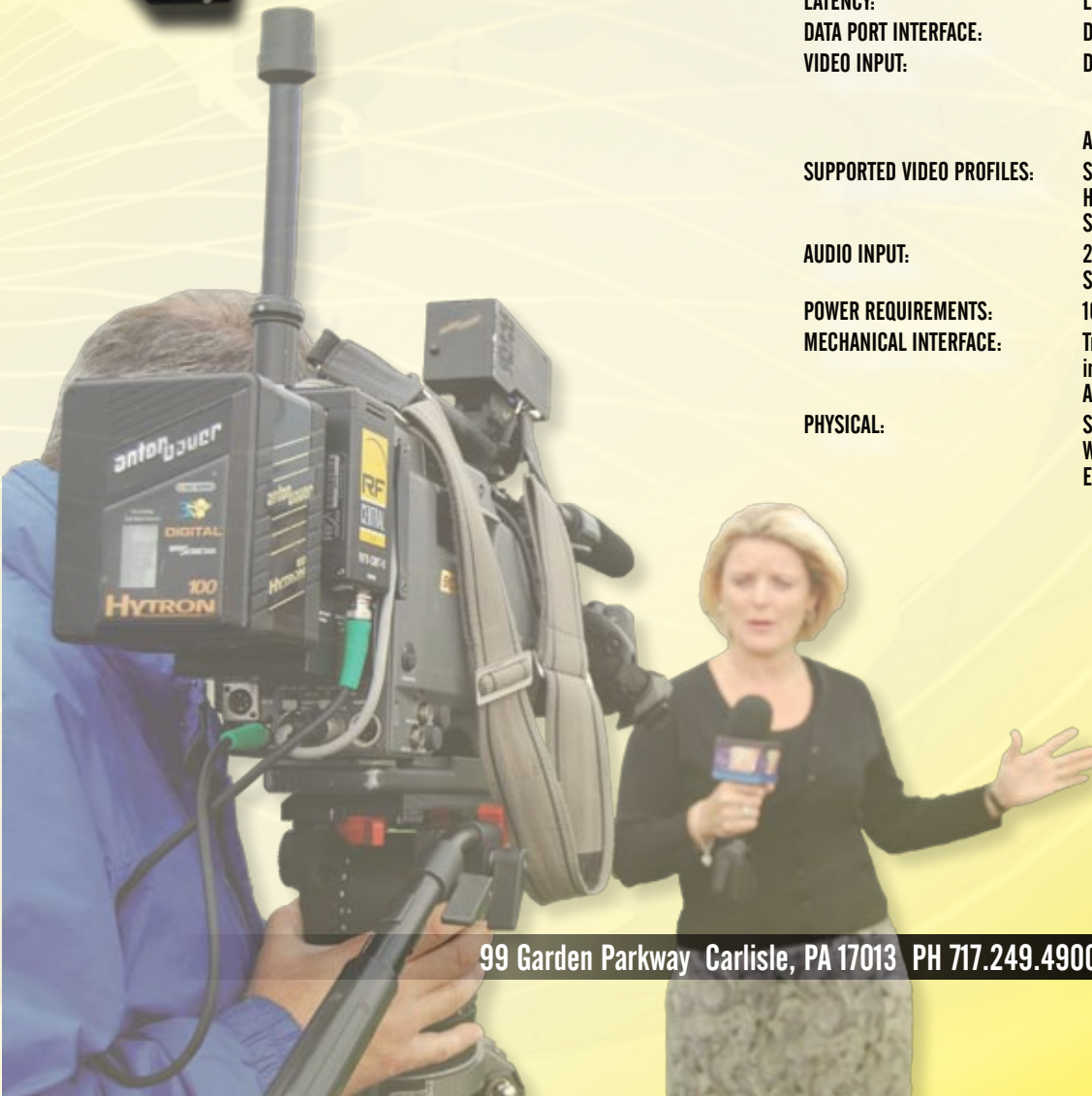


The RFX-CMT-II from RF Central offers the latest in high quality, low delay, HD encoding technology. The outstanding HD or SD video quality combined with extremely low delay, make it an excellent choice for sporting events and live news coverage. The high quality linear RF amplification technology provides spectral regrowth at full power to less than -35dBc, offering robust RF performance with excellent adjacent channel rejection. This unit is available in SD and SD/HD formats.



Specifications

FREQUENCY:	2.0 GHz, 5.8 GHz, and 6.4 GHz (other bands available)
TUNING RANGE / FREQUENCY SELECTION :	Selectable via side panel in 0.25 MHz steps
TRANSMIT POWER:	100 mW
TRANSMIT ANTENNA:	4dBi gain typical (shown)
MODULATION:	COFDM DVB-T (2k carrier)
MODULATION MODES:	QPSK, 16QAM, 64QAM FEC 1/2, 2/3, 3/4, 5/6, 7/8 Guard interval 1/4, 1/8, 1/16, 1/32
DATA RATE:	5.5 to 31.7 Mbit/s
BANDWIDTH:	6, 7, and 8 MHz
FREQUENCY TOLERANCE:	2.0 PM
ENCODING:	MPEG-2 Video (ISO/IEC 13818-2)
LATENCY:	Low or Std Delay
DATA PORT INTERFACE:	DVB-ASI
VIDEO INPUT:	Digital: HD-SDI-SMPTE- 292m (with HD Upgrade) SD-SDI-SMPTE- 259m ASI Analog: NTSC/PAL composite
SUPPORTED VIDEO PROFILES:	SD: 422P@ML, MP @ ML, SP@ML HD: MP@HL 720p to 1080i Sampling: 4:2:0 or 4:2:2
AUDIO INPUT:	2 x analog inputs, mic/line selectable, digital AES, SDI-embedded
POWER REQUIREMENTS:	10-35 VDC \leq 18W via Battery Plate or 4-pin Lemo socket
MECHANICAL INTERFACE:	Transmitter normally mounts between battery and camera interface plate. Available with interface plates to suit Anton Bauer or other mounts (specified at time of order).
PHYSICAL:	Size: 6.3" x 5.1" x 2.1" Weight: 2.1 lbs with Antenna Environment: Temperature: -20 to +50 degrees C Altitude: 14,500 ft Humidity: 95% long term



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