

Specifications CAM2300 COFDM camera transmitter

Power	12 – 16V	1,1 - 0,9A	200 mWatt portable
RF:			
Connector	TNC female	portable	
Frequency range	2250 – 2400 MHz	programmed with laptop	
Channels	16	select via front	
Standard channelspacing	16 x 5 MHz	tuning range 80 MHz	
Output Power	portable	200 mWatt	max.
Video			
Modulation	QPSK, QAM 16, QAM 64		
FEC	1/2, 2/3, 3/4, 5/6, 7/8		
Quard	1/4, 1/8, 1/16, 1/32		
IFTT	2k		
Bandwidth	6, 7, 8 MHz		
Picture mode	I, IP, IPB, IPBB		
Video	1V tt		
Video connector	BNC		
Video input	embedded HD-SDI		
Modulation error rate (MER)	> 30 dB	typical 33 dB	
HD version	H 264 compression		
Audio:	(specifications incl. receiver)		
Audio bitrate	multiple, normal 256 kb		
Sample rate	32, 44.2 or 48 kHz		
Audio frequency range	20 Hz – 20 kHz	+/- 1 dB	
Signal to noise	> 80 dB		
Channel separation (Stereo)	> 80 dB		
Distortion + noise	< 0.2 %		
Remote connection	Lemo 3 for portable		
Receiver HD:			
Frequency range	2250 - 2400 MHz		
RF step size	100 kHz		
Sensitivity (incl. converter)	< -98 dBm	- 96 dBm typical (QPSK, FEC ½)	
Dynamic range	> 80 dB		
Modulation	QPSK, QAM 16, QAM 64		
FEC	1/2, 2/3, 3/4, 5/6, 7/8		
Quard	1/4, 1/8, 1/16, 1/32		
IFTT	2k, 8k		
Bandwidth	6, 7, 8 MHz		
Video output	composite, HDMI and HD-SDI		
Dimensions	483 x 44 x 340 mm		
Number of diversity	2 way		
HD version	H 264 compression		
Overall latency	SD	520 – 660 msec	depending on settings

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The transmitter / receiver is in compliance of the European R&TTE rules (CE) EN 302.064-2