

Description:

The Grass Valley dockable Camera back from Videosys fits seamlessly on to all Grass Valley LDX8*** range cameras. With a single OLED system enabling control for both the transmitter and the Videosys Camera Control Unit making the use of the system easy to manage.

CA-LDX-TX

Incorporating the Videosys camera control system UHF camera receiver and Transmitter platform with 1080p 50/60 included and 4:2:2 optional. N Type antenna connector for antenna.

CA LDX 86 N RF 4K

Fully integrated camera back for Grass Valley LDX 86N 4K camera incorporating the Videosys camera control system UHF camera receiver for 4K UHD and 4K UHD video TX.



Video:

SD input format	PAL, NTSC (with or without pedestal) 720x576i 50Hz 720x480i 59Hz
HD input format	1920x1080i 60/59.94/50Hz 1920x1080p 30/29.97/25/24/23.97Hz 1920x1080psf 30/29.97/25/24/23.97Hz 1280x720p 60/59.94/50Hz
3G input format	1920x1080p 60/59.94/50Hz* (via 3G-SDI level A/B or HDMI)
H.264 compression	AVC/H.264/MPEG-4 Part 10 High profile level 4.0 4:2:0 or 4:2:2 (optional)
ASP compression	ASP/MPEG-4 part 2 with NB modulation and SD only
Coding options	Horizontal scaling of 3/4, 2/3, 1/2, 1/4 Vertical scaling of 1/2, 1/4 Sub-frame rate of 1/2, 1/4, 1/8, 1/24
Encoder delay	1s to 10ms (mode dependent)
Encoder bitrates	0.25Mbps to 32Mbps

Camera Control Demodulation:

CC bandwidth	12.5kHz, 20kHz and 25kHz modes
CC constellation	4PSK, GMSK
CC sensitivity	-114dBm @ 25kHz bandwidth -111dBm @ 12.5kHz bandwidth
Frequency:	
100150	1.00-1.50GHz
198270	1.98-2.70GHz
300370	3.00-3.70GHz
440500	4.40-5.00GHz
550600	5.50-6.00GHz
640700	6.40-7.00GHz
700750	7.00-7.50GHz
810890	8.10-8.90GHz
Video Frequency:	1.5GHz 7GHz
Data Frequency:	403 473MHz
Connectors:	IDX or Anton Bauer BNC On rear HD SDI Output 12v DC power 4 pin XLR
RF Connectors:	UHF TNC Video N-Type

VideoSys Broadcast

