

Camera control unit CU-HD650 Specifications



1. Overview

CU-HD650 is a camera control unit for the newly developed HD multi-standard camera Z-HD6500. CU-HD650 has 3G/HD/SD-SDI outputs for HD/SD video. Also, external 3G/HD/SD-SDI return video can be displayed on camera viewfinder through built-in cross-converter and frame-synchronizer. CU-HD650 can output HDR/SDR simultaneously. The CU-HD650 is full rack 2U size.

2. Specification

Camera Control Unit CU-HD650	
Power supply voltage	AC100~240V, 47~63Hz with auto-sensing
Power consumption	300W maximum (AC operation, including Z-HD6500, VF-L20HD, and AUX POWER OUT 100VA)
Operating temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Dimensions	432±4(W) x 88±1.5 (H) x 419±4 (D) mm
Mass	12 kg ±1.5 kg
Maximum Cable length	1 km (with utility power 100VA), 2 km (without utility power) 10 km (Single mode fiber)

3. Connectors

Camera Control Unit CU-HD650 (OUTPUT / INPUT)		
(1) COMMUNICATION		D-sub 25pin
·INTERCOM	0dBm/600Ω at 4Wire or 0dBu/200Ω at RTS or -15dBu/200Ω at Clear-com	
·PGM	0dBm/600Ω	
·R/G TALLY	DC voltage or contact supply	
(2) REMOTE 	1.5Vp-p	4pin
(3) REMOTE 3 		RJ-45
(4) Ethernet TRUNK	10Mbps	RJ-45
(5) GENLOCK IN	Black burst 0.45Vp-p/75Ω or HD Tri-level sync 0.6Vp-p/75Ω (loop through)	BNC (x2)
(6) MIC OUT 1	0dBm/600Ω	XLR-3pin
(7) MIC OUT 2	0dBm/600Ω	XLR-3pin

Camera Control Unit CU-HD650 (OUTPUT / INPUT)

(8) SDI OUT (1/2/3/4) (Embedded audio available)	3G-SDI (SMPTE 424/425M Level-A) or HD-SDI (SMPTE 292M) 1080p/1080i/720p at 59.94/50Hz, 1080PsF at 29.97/25/23.98Hz, 1080p at 29.97/25/23.98Hz	BNC (x4)
(9) PIX / WFM OUT (Embedded audio available)	3G-SDI (SMPTE 424/425M Level-A) or HD-SDI (SMPTE 292M) or SD-SDI (SMPTE 259M-C) 1080p/1080i/720p at 59.94/50Hz, 1080PsF at 29.97/25/23.98Hz, 1080p at 29.97/25/23.98Hz, 486i/59.94Hz, 576i/50Hz	BNC (x2)
(10) SDI I/O (1/2) (Embedded audio available) (Can be configured for additional SDI output or SDI prompter input (3G/HD/SD-SDI))	3G-SDI (SMPTE 424/425M Level-A) or HD-SDI (SMPTE 292M) or SD-SDI (SMPTE 259M-C) 1080p/1080i/720p at 59.94/50Hz, 1080PsF at 29.97/25/23.98Hz, 1080p at 29.97/25/23.98Hz, 486i/59.94Hz, 576i/50Hz	BNC (x2)
(11) RET IN (1/2)	3G-SDI (SMPTE 424/425M Level-A) or HD-SDI (SMPTE 292M) or SD-SDI (SMPTE 259M-C) 1080p/1080i/720p at 59.94/50Hz, 1080PsF at 29.97/25/23.98Hz, 1080p at 29.97/25/23.98Hz, 486i/59.94Hz, 576i/50Hz	BNC (x2)