



PONTIS
EMC PRODUCTS

www.pontis-emc.com

HD Controllers

High definition (HD) cameras require controllers that can handle the high speed digital signals needed to transfer the high resolution videos in an uncompressed format (HD-SDI), which is displayed without any delay on the local monitor.

The controllers convert the optical signals coming from the cameras to electrical signals and allow control of all features of the cameras such as zoom, focus, P/T. Each controller has an output for an HDMI monitor per camera and also an output of the HD-Signal as received from the camera.

The controllers offer a range of options that include manual iris control and LAN interface. All controllers with LAN interface are equipped with an industrial grade PC. PONTIS has developed a special SW for this application (PECOS, see separate data sheet for details). The LAN option is especially useful for documentation (integrated video recorder, snapshots) and the cameras can be controlled from any PC in the network just by using a browser.

Controllers are available for one to four cameras.

Features:

- Compatible with PONTIS EMC HD cameras
- Fibre optic transmission of video and control signals
- Support of multiple cameras per controller
- Manual control of cameras
- Extended features: manual iris control, including wide dynamic range, long exposure , image stabiliser
- LAN option
 - with integrated PC
 - digital video recorder
 - remote viewing and control via browser

HDCON4

Local Interface:

Supply:

Interface:	Zoom, Focus, P/T
	90 V to 230 V ~ / 50/60 Hz 2A
Operating environment:	Glass fibre: 50/125µm glass fibre with ST-connectors
Operating humidity:	2 HD-SDI per camera (ouput), 1 HDMI per camera (ouput)
Housing:	-10 ° to +50 °C
19" unit	20 to 85% RH

(H x W x D) [mm]

Options:

2U x 450 x 370 / 3U x 450 x 370

depending on number of video channels (cameras)

LAN

AUD: one channel of audio intercom

Multichannel: Up to 4 channels

Iris Control – ICT (integrated digital videro recorder DVR, snapshots)

HDCON6LAN

not available

Local Interface:

	LCD (2*20 Char) with function keys (only ICT version, zoom, focus, P/T
Supply:	90 V to 230 V ~ / 50/60 Hz
Glass fibre:	50/125 µm glass fibre with ST-connectors
Operating environment: -	10 ° to +50 °C
Operating humidity:	20 to 85 % RH
Housing:	(H x W x D) [mm]
19" unit	3U x 450 x 370
PC:	industrial grade mini-ITX
HDD:	2 TB
Frame grabber:	4 channel HD-SDI
Monitor:	HMDI
Options:	AUD: one channel of audio intercom
	Multichannel: Up to 4 cameras
LAN	Iris Control – ICT
	1 GB Ethernet

Prices and specifications are subject to change without notice!