Con4

PONTIS
EMC PRODUCTS

– **For regular demands in SD**

– **Mid range**

– **For max 4 Cameras**

– **Additional features possible: Audio, LAN, DVR/NVR or ICT/WDR/LTE in case of difficult light conditions**

Modular Controller

The regular controller of series Con4 allows the remote control of maximum four SD cameras (zoom, focus, pan, tilt) and the remote control of one audio channel. All transmitted signals, control, video and audio are transmitted via fibre optic cables. The video signal is FBAS from camera to display.

By our modular concept external devices like DVR /NVR can be connected to control the cameras also via LAN resp. via the DVR / NVR's software if PELCO-D protocol is supported as well as to record videos.

Beyond that PONTIS' audio satellites can be connected to communicate uni- or bi-directionally.

In case of difficult light conditions (be it a EUT with display, obscurity, dark <=> bright close to each other,) a special SW to manually control the aperture of the Iris can be integrated into the controller.

Features:

– For PONTIS EMC SD cameras (Cam5 / Cam8)

– Fibre optic transmission of video and control signals

– Support of up to 4 cameras per controller

– Manual control of cameras Pan-Tilt and Zoom via Front keypad with self explaining buttons.

– FBAS video signals

– Compact housing: Desktop or Rack version (2 or 3 HU x 450 x 370 mm)

Accessories:

required:

– 1 x SD Camera with Powersupply and Fibre optic cables

optional:

– Audio integration into Controller

– DVR : via external DVR (digital video recorder)

– LAN: via external NVR (network video receiver)

– ICT: integration of SW for difficult light conditions Manual Iris control (aperture control / F-Stop), Wide dynamic range WDR , Long Time Exposure LTE

– Monitor: VGA or DVI

– Joystick
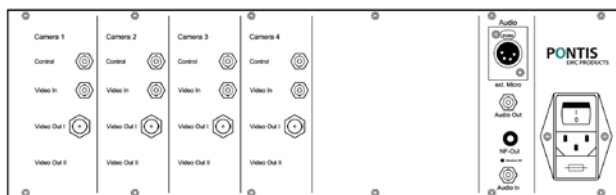
www.pontis-emc.com

Technical Data

Con4 is available in the following variants:

Controller name	Housing	Number of video channels	Number of audio channels	Difficult light conditions (man. ICT)
Con4h0n	h=1 desk, h=2 rack	n: 1, 2, 3, 4	0	0
Con4h0n_AUD	h=1 desk, h=2 rack	n: 1, 2, 3, 4	1	0
Con4h0n_ICT	h=1 desk, h=2 rack	n: 1, 2, 3, 4	0	1
Con4h0n_ICT_AUD	h=1 desk, h=2 rack	n: 1, 2, 3, 4	1	1

Power supply	100 V – 240 VAC, 250 W max / 50/60 Hz 2A
Camera control	Microprocessor
Videosignal transmission	1310 nm
Control line	850 nm
Fibre Optic cables	50/125 µm fibre optic with ST-connectors, duplex
Audio transmission	850 nm
Audio out / Audio in	Cinch socket / XLR socket for ext. .Micro
Temperature	-10 °C to +50 °C
Humidity	20 to 85 % RH
Housing 19"	EMC protective, 2/3 height units x 450 x 370 mm (HxWxD) Desktop or Rack housing

Option: external DVR / NVR Video Signal

– DVR: with BNC 75 Ohm input to connect to the Con4.

– Cable to transmit the video signals from the controller to the DVR: 75 Ohm BNC

Prices and specifications are subject to change without notice!

You can contact directly our local partners for sales and technical support

www.hvtechnologies.com   www.toyo.co.jp   zongkui.shao@pontis-emc.com