



- For high demands in HD
- Up to 4 cameras
- Integrated solution: Camera control, recording, image processing
- Interface to EMC test SW
- Audio intercom

## LAN-Pecos integrated HD Controller

Provides fully digital, uncompressed video and audio transmission for best quality!

Seamless user interface solution. The Audio own Pecos solutions provides HW+SW that is integrated inside the controller: LAN, DVR with proactive recording and administration of files, as well as ICT/WDR/LTE for difficult light conditions (be it a EUT with display, obscurity, dark <=> bright close to each other).

The controller of series HDCon6\_LAN-Pecos allows the local control via frontpanel of a maximum of four HD cameras (zoom, focus, pan, tilt) and of one audio channel. Via Pecos SW Tool the cameras can be fully controlled also via LAN.

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

Pecos also provides a bidirectional interface to EMC Test SW (option). Such data can be shown on screen, recorded as video overlay. Pecos data can be sent back to Test SW to initiate reaction (e.g stop a test). Drivers come from EMC Test SW brands.

Optionally an event detection software can be installed on the HDCON6. This allows to define several regions of interest. Whenever the picture int that region changes recoding is started an alert is issued. This facilitates immunity testing.

## Features:

- For PONTIS EMC HD cameras (HDCam6 / HDCam7)
- 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 and/or via LAN-SW-tool
- ICT/WDR/LTE for difficult light conditions
- Pecos: integrated PC / HDD / DVR / snapshots / proactive recording  
For details please see datasheet "Software PECOS"
- Option: interface to EMC Test SW
- Option: event detection
- Full HD: 1080 p from sensor to display
- Compact housing: Desktop or Rack version (3 HU x 450 x 370 mm)

## Accessories:

### required:

- 1 x HD Camera with Powersupply and Fibre optic cables

### optional:

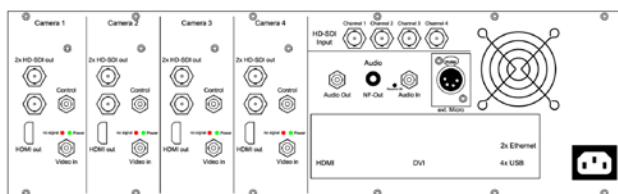
- Audio integration into Controller
- Monitor: HDMI or DVI
- Interface (software) for communication with EMC Test software
- Event detection (software)

## Technical Data

HDCon6 is available in the following variants:

Controller name	Housing	Number of video channels	Pecos: Integr. PC	Pecos: Integr. HDD	Pecos: Integr. DVR	Pecos: SW for customized event detection	Difficult light conditions (man. ICT)	Number of audio channels
HDCon6h0n _LAN-Pecos _DVR_ICT	h=1 desk h=2 rack	n: 1, 2, 3, 4	1	2 TB	1	1	1	0
HDCon6h0n _LAN-Pecos _DVR_ICT _AUD	h=1 desk h=2 rack	n: 1, 2, 3, 4	1	2 TB	1	1	1	1

Power supply	100 V – 240 VAC, 250 W max / 50 / 60 Hz 2A
Videosignal transmission	1310 nm
Control line	850 nm
Fibre Optic cables	50/125µm fibre optic with ST-connectors, duplex
Local interface	LCD + keys for P/T, zoom, focus, ICT/WDR/LTE
LAN	1 GB Ethernet / RJ45 / SW tool "Pecos LAN"
HDD	2 TB storage (built inside)
Frame grabber	4 channel HD-SDI
PC	Industrial grade PC board (built inside)
Audio transmission	850 nm
Audio out / Audio in	Cinch socket / XLR socket for ext. Micro
Monitor connection	Splitted screen: to „processed PC out“ (HDMI/DVI). Per Camera: to „uncompressed video out“ (HD-SDI, HDMI). (The HD-SDI output provides uncompressed video data with high signal rates (1,5 Gbit/s) according to SMPTE 292M standard. This connector requires 75 Ohm BNC-Cables!)
Temperature:	-10°C to +50°C
Humidity:	20 to 85 %RH
Housing 19"	EMC protective, 3 height units x 450 x 370 mm (HxWxD)



Prices and specifications are subject to change without notice!

**PONTIS**  
EMC PRODUCTS  
A BRAND OF AUDIOVO

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