

PIS210

PORTABLE INSPECTION SYSTEM
ahlbergcameras.com/products/camera-control-units/pis210

The PIS210 is a Portable Inspection System for use with inspection cameras and lighting. Fitted in a suitcase the PIS210 is a flexible monitoring system that is equipped with a vast number of control features for providing the best possible image. It has a FHD-screen and can record movies and take snapshots, which are stored on an SSD memory.

MORE INFORMATION ABOUT PIS210

APPLICATIONS

- Remote visual inspections
- Underwater inspections
- Hot Cell / In-air surveillance
- Robotics and manipulators
- FOSAR – Foreign Object Search and Retrieval
- Refueling Machine/ Mast Camera Control Unit
- Non-destructive testing (NDT) and exams
- Real-time core verification

BENEFITS

- Low weight
- Portable control unit
- Memory and recall functions, inverted image and color/ monochrome function, in-screen display of text, date, time, zoom, pan& tilt values, temperatures
- Controls most of Ahlberg Cameras' FHD, HD, and SD cameras with pan, tilt, and zoom and as well as lights
- No calibrations required when changing camera or camera cable
- External remote control can be connected

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Width	350 mm
Length	500 mm
Height	204 mm
Weight	11.5 kg
Housing material	Polyuretan (PUR)

ENVIRONMENTAL TOLERANCES

Operating Temperature	5°C to 50°C

POWER

Power Supply	90-250VAC / 47-63 Hz / max 456W
Inlet	IEC 320-C14 6,3A Fuse

INTERFACES

SDI In	2 x SDI In
SDI Out	2 x SDI Out
USB	3 x USB-A 3.0
Camera & light	1 x camera & light, MIL-spec connector 18-32s
AUX	1 x Auxiliary, MIL-spec connector 14-19sw
ADB	1 x Ahlberg device bus, D-sub (male, 9-pin)
AHL-REMOTE	1 x Ahlberg Remote, R100 connector
REM	1 x Remote control (e.g. via Pelco), D-sub (male, 9-pin)
SERVICE	1 x Service port, Micro SD card reader

We reserve the right to alter specifications without prior notice

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ON/OFF	1 x ON/OFF button
POWER	1 x Power connector, C14 IEC connector

INTERNAL STORAGE

Internal Storage (SSD)	2 TB

DISPLAY

Main display	18.5", 1920x1080
Settings display	4.3"

CONTROL FUNCIONALITTIES

Control funcionalitties	Integrated membrane keyboard, joystick for pan/tilt/zoom, focus, Iris, light intensity, memory positions, programmable auxiliary keys, keys for disabling funtionality, invert joystick control, pan & tilt speed, mirroring of image, toggle between color and B/W image, color invert, media control, snapshot image, record video, tag video, pause video replay, freeze image, audio control

FEATURES

Video overlay	Free text, date, time, zoom, focus distance, pan and tilt values on screen display
Video format	Video format/color space used for video streams 10-bit YUV422
Recordings	Recordings are mp4 with h.264 encoded 10-bit YUV422 video stream and MPEG2 audio stream
Remote control	E.g. control via Pelco

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PIS210 IMAGES











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