



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
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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

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

INTERNAL STORAGE

Internal Storage (SSD)	2 TB
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DISPLAY

Main display	18.5", 1920x1080
Settings display	4.3"

CONTROL FUNCIONALITTIES

Control functionalitties	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
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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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