MIRION TECHNOLOGIES

RADIATION- TOLERANT CAMERA SYSTEM

HD-RAD Pelicase

The HD-Rad Pelicase remote controller offers comprehensive and reliable control for your inspection and surveillance needs in a rapid setup package.

The camera controller is housed in a rugged, Pelican-style protective hard case and is mains-powered.

The unit includes all camera controls, a 22" HD monitor, text overlay, audio input, as well as an HD video recorder, which records video and audio onto a removable solid-state drive. Additionally, the unit supports the connection of a joystick controller and an external monitor, allowing for flexible and remote camera operation and viewing.

HD-RAD PELICASE

FEATURES

- ✔ Housed in a rugged protective hard case
- ✔ Available controls:
  - Pan control (joystick)
  - Tilt control (joystick)
  - Zoom control (by joystick twist)
  - Iris, focus and light controls
- ✔ Inbuilt 22" HD monitor
- ✔ Text overlay
- ✔ Audio input
- ✔ HD video recorder
- ✔ Two removable memory cards
- ✔ Support for external monitor, remote control, and remote network access

SPECIFICATIONS AND PERFORMANCE

Materials/Dimensions/Weight:

- Housing material: HPX® High Performance Resin
- Overall dimensions:
  Closed: 202 (7.95") H x 538 (21.18") W x 464 (18.27") D
  Open: 554 (21.81") H x 538 (21.18") W x 512 (20.16") D
- Weight: 10.5 kg (23.1lb)

Electrical Connections:

- Mains supply: 100 to 240V AC, 50/60Hz, 100VA maximum
- Transient voltages on mains supply: Impulse withstand (overvoltage) category II of IEC 60364-4-443
- Pollution level: 2 (BS EN61010-1: 2001)
- Fuse: Anti-surge, high-breaking capacity, T3.15AH, 250V ceramic, 5 x 20 mm
- Auxiliary Video output 1: BNC, Composite video, Standard Definition
- Auxiliary Video output 2: HDMI, High-Definition
- Camera connector: 23-way multipole connector
- Remote keyboard connector: 9-pin D-sub
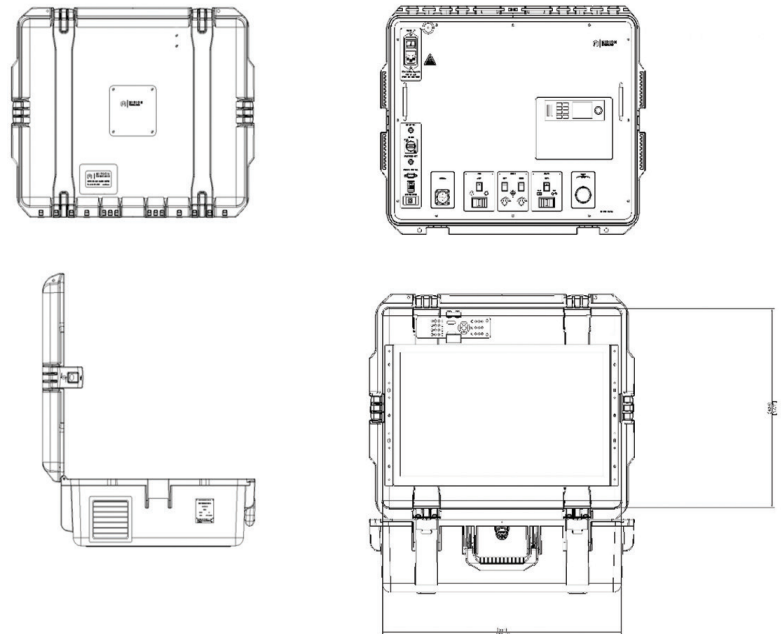- Add-in network connection for ethernet

Environmental:

- Operating Temperature: 0° C to 40° C (32° F to 104° F)
- Storage Temperature: -20° C to 60° C (-4° F to 140° F)
- Humidity: 80% for temperatures up to 31° C decreasing linearly to 50% at 40° C
- Maximum Altitude: 2000 m

Video Recording:

- With PAL camera: approximately 12 hours w/ (2) 256 GB cards
- With NTSC camera: approximately 12 hours w/ (2) 256 GB cards
  2 x 256 GB 200 MB/s memory cards included

Additional Controller Features:

- Video out connectors: 1 HDMI and 1 HD-SDI BNC for HD output, 1 BNC for composite output
- Outstation Cable Length: 38 m (125') standard length to controller. Consult Mirion for alternate cable lengths
- Remote control connector: For use with a Pelco keyboard or any Pelco-D capable controller for wired remote camera control
- Ethernet connector for network connection: Allows for viewing and control over a network using a standard Internet browser
- Panel microphone: With ON/OFF/PUSH-TO-TALK switch to control audio input for recording
- Built-in sealed membrane keyboard: For use with Text Overlay function to add text in real time
  Text-Overlay functions include:
  - 30 lines of text
  - Time/date stamp
  - Measurement Markers
  - Reticle
  - Up/Down Timer