PASI WELL-CAMERA

Based on extensive experience in the design and manufacture of TV-Inspection Systems for waterwells and boreholes in general, PASI has created an innovative WELL-CAMERA that is a compact and lightweight system which is reliable, cost effective, easy to use and easy to transport for rapid on-site inspections.

A complete PASI well camera system is comprised of the following:

✓ reel and camera head (waterproof up to 35 bar (350 m) )
✓ control unit with integrated LCD,
✓ battery charger
✓ USB 2.0 grabber board and microphone
✓ Software and USB cable for display and recording of pictures, movies and vocal comments to any external laptop.
## TECHNICAL DATA:

### Camera Head
- **Diameter:** 40mm
- **Length:** 150 mm
- **Sensor type:** CCD 1/3”
- **Resolution:** 480 lines
- **Minimum intensity required:** 1 lux
- **Light type:** Six high intensity leds
- **Waterproof protection:** IP68, submergible up to 350 m

### Monitor
- **Display:** 7” TFT LCD
- **Wide Screen:** 16:9
- **Image rotation:** Right/left/up/down
- **Resolution:** 480 x RGB x 234 x Stripe
- **System:** NTSC/PAL

### Control Unit
- **Power supply:** internal or external 12V battery, for up to 6 hours of field use
- **Digital output:** integrated USB 2.0 and microphone for video and audio comments directly to external PC
- **Analog video output:** BNC connector
- **Weight:** 5 kg
- **Size:** 27cm x 25cm x 18cm

### Available models
- **Well camera with 50 m cable**
  - Reel dim. 26x28x31cm - 7 kg
- **Well camera with 100 m cable**
  - Reel dim. 26x28x31cm - 8 kg
- **Well camera with 150 m cable**
  - Reel dim. 36x28x31cm - 9,5 kg
- **Well camera with 200 m cable**
  - Reel dim. 36x28x31cm - 10,5 kg
- **Well camera with 300 m cable**
  - Reel dim. 46x28x31cm - 13,4 kg
- **Well camera with 400 m cable**
  - Reel dim. 46x28x38cm - 17,4 kg
- **Well camera with 500 m cable**
  - Reel dim. 46x28x38cm - 20 kg
WELL CAMERA ACCESSORIES

Transit case for Well-Camera reel

Transit case for 50m - 100m reels
Dim. 34cm x 40cm x 33cm - Weight: 6,5 kg

Transit case for 150m - 200m reels
Dim. 41cm x 40cm x 33cm - Weight: 7,3 kg

Transit case for 300m reel:
Dim. 52cm x 43cm x 33cm - Weight: 9 kg

Transit case for 400m - 500m reels:
Dim. 57cm x 43cm x 33cm - Weight: 10,4 kg

Adjustable centering device (vertical use)

Ø80-260mm

90° view option

to be mounted on the camera head

Suspension Tripod

To be adjusted at the top of the well

Pulley assembly

To be fixed directly at the top of the well