

# P374IS

## Intrinsically Safe Color Video Inspection System

The Mini Flexiprobe system sets new standards by offering an intrinsically safe solution that allows successful inspection and reporting within Zone 0 environments

### FEATURES/BENEFITS

- 1" (25mm) to 4" (100mm) pipe inspections
- 200 feet (61 Meters) of semi rigid rod
- Intrinsically safe system certified to EE x ia IIC T6 for Zone 0 Hazardous environments
- True portability, weighs only 46lbs (21kg) and can operate from a 12V DC external supply
- Composite video output/input allowing connection to a video recorder or external monitor
- Integrated high resolution 6.4" Color LCD allowing improved image recognition, retractable sun visor built in reducing the effects of sunlight on the screen
- QWERTY Keyboard for text annotation on site, with 9 pages of user defined text available, 9 programmable user defined fields enabling faster text generation
- A truly waterproof system for operation in most weather conditions, protected to Environmental spec IP55
- CMOS camera technology allowing increased operating time through low power consumption
- Maintenance free, white LED's for increased performance and reliability
- Integral electronic meterage counter that displays distance on screen in 0.1m increments which is accurate to +/- 1%






ATEX APPROVED

## P374 TECHNICAL SPECIFICATIONS

| CAMERA & LIGHTHEAD    |  |
|-----------------------|--|
| Diameter              | 0.94" (24mm)   |
| Full Diameter Length  | 0.67" (17mm)   |
| Total length          | 1.22" (31mm)   |
| Material              | 300 Series Stainless Steel and Epoxy Resin Potted Lighthouse |
| Focal Length          | 0.25" (6.35mm) to infinity, manually adjustable              |
| Power consumption     | 100mA  |
| Sensor Transfer Type  | CMOS   |
| Active Pixel Matrix   | 510 x 492  |
| Horizontal resolution | 360TVL per picture height                                    |
| Sensitivity           | 3 lux  |
| Viewing angle         | 44°  |
| Voltage               | 21V max  |
| Waterproofing         | IP68 11Bar (160psi)  |

| CONTROL UNIT & COILER |                                    |
|-----------------------|------------------------------------|
| Weight                | 46lbs (21kg)                       |
| Voltage               | Auto Sensing 110V - 240V or 12V DC |
| Consumption Unit      | 3W                                 |
| Waterproofing         | IP55                               |
| Video output          | Composite                          |
| Video input           | Composite                          |
| Height                | 35.4" (900mm)                      |
| Width                 | 23.6" (600mm)                      |
| Depth                 | 12" (300mm)                        |
| Approvals             | CE and FCC compliant               |



|   |   |   |
|---|---|---|
| EEx ia IIC T6   |   |   |
|  |  |  |
| FM Class: 3600, 3610, 3810  |   |   |
| P374 Camera: IS/I/1/ABCD/T6   |   |   |
| Cage Assy. Coiler: AIS/I/1/ABCD   |   |   |

**Pearpoint (USA)** 39-740 Garand Lane, Unit B, Palm Desert, CA 92211, USA

Tel: +1 800 688 8094 Tel: +1 760 343 7350 pearpoint.sales.us@spx.com www.pearpoint.com

**Radiodetection Ltd. (UK)** Western Drive, Bristol BS14 0AF, UK. Tel: +44 (0) 117 976 7776 rd.sales.uk@spx.com www.radiodetection.com

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