



P455

Rotational Twin View Colour Camera

Dual sensor digital camera for forward and side viewing



FEATURES/BENEFITS

- Full 360° image rotation
- Auto uprighting
- 1 lux sensitivity
- 450 TVL resolution
- Remote focus and auto iris
- Digital video processing for sharper, crisper images
- Inspect pipes 75mm (3") to 450mm (18") in diameter
- CE and FCC approved
- Maintenance-free internal white LED illumination
- Selectable focus tracking
- Waterproof to 11bar /150psi

The **P455 TwinView Dual Sensor upright picture 1 Lux digital colour camera**

offers forward view and remote side viewing capabilities which incorporate our proven auto uprighting system. The dual sensor facility provides outstanding survey capabilities for mains inspections, misplaced joints, laterals, house connections, welding points, water wells and boreholes.

This explosion proof camera is ideally suited for use in Zone 1 hazardous environments.



The camera is extraordinarily robust and flexible and can negotiate 90 degree bends in 100mm pipelines, with clockwise or anti-clockwise side view rotation, built-in forward and side view LED lighthead. An environmental solution that is capable of surveying pipelines from 75mm (3") through to 450mm (18").

ATEX APPROVED



P455

specifications

MECHANICAL

- **Full diameter length** • 120mm (4.72")
- **Diameter** • 59mm (2.36")
- **Material** • 300 series stainless steel
- **Connector** • 4-way Pearpoint Posiswivel
- **Weight** • 1.1kg (2.42lbs)
- **Waterproof** • 11bar / 150psi

ELECTRICAL

- **Voltage** • 25v/50v
- **Consumption** • 6W approx
- **Output** • Complimentary composite video
- **Control** • Pearplex inter-video control system
- **Remote Functions** • Focus, auto/manual iris, auto/manual rotate, side/front view

OPERATING TEMPERATURE

- **Range** • -10°C to +40°C

OPTICAL

- **Sensor Transfer Type** • Interline 1/4"
- **Pixels** • 760x582 PAL
760x492 NTSC
- **Sensitivity w/flexiprobe** • Better than 1 Lux

LENS

- **Focal Length** • 6.35mm (0.25")
- **Iris Control** • Electronic auto or manually to eight positions
- **Horizontal Resolution** • 450 TVL lines per picture height

Radiodetection Ltd.

Western Drive
Bristol BS14 0AF
United Kingdom
Tel: +44 (0) 117 976 7776
Fax: +44 (0) 117 976 7775

Pearpoint Inc.

72055 Corporate Way
Thousand Palms CA 92276 USA
Toll free: (800) 688 8094
Tel: +1 (760) 343 7350
Fax: +1 (760) 343 7351

