

# P415 ex

## Rotational Colour Camera

Explosion proof Flexiprobe Auto uprighting digital camera

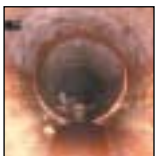


### FEATURES/BENEFITS

- Full 360° image rotation
- Auto uprighting
- 1 lux sensitivity
- 450 TVL resolution
- Auto iris
- Remote focus
- Digital video processing for sharper, crisper images
- Inspect pipes 100mm (4") to 600mm (24") in diameter
- CE and FCC approved



Before Auto Upright



After Auto Upright

The explosion proof **P415 Colour camera** from Pearpoint is equipped with auto uprighting. The image is automatically oriented to the correct position where ever the camera may rest within the pipe. The P415 eliminates the risk of reports that feature an image that is upside down, or at the wrong angle. The camera is recommended for the inspection of pipes 100mm (4") in diameter to pipes 600mm (24") in diameter.

remote focus, full 360 degree image rotation and utilises digital video processing, providing a superior image. The camera is fully compatible with existing equipment and is CE and FCC approved.

The P415 ex is ideally suited for use in Zone 1 hazardous environments.



ATEX APPROVED

Featuring 1 lux sensitivity and 450 TVL resolution, the P415 allows you to see with increased picture definition using less light. The P415 is equipped with remote electronic iris,



# P415 ex

## specifications

### MECHANICAL

- **Full Diameter Length** • 111mm (4.37")
- **Diameter** • 44mm (1.73")
- **Material** • 300 series stainless steel
- **Connector** • 4-way Pearpoint  
Posiswivel
- **Waterproof to** • 160 psi (11 bar)
- **Weight** • 850g (1.87 lbs.)

### ELECTRICAL

- **Voltage** • 25 V - 50 V via special  
control unit
- **Consumption** • 4.5W less lights (approx)
- **Output** • Complimentary  
composite video
- **Control** • Pearplex inter-video  
control system
- **Remote Functions** • Focus, auto/manual iris,  
auto/manual rotate

### OPERATING TEMPERATURE

- **Range** • -10°C to +40°C

### OPTICAL

- **Sensor Transfer Type** • Interline 1/4"
- **Pixels** • 760 x 582 PAL;  
760 x 492 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

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