



# PTZ620

## HD PTZ CAMERA WITH MIRROR

The PTZ620 is a unique small-sized pan-and-tilt color camera. With its high resolution and radiation tolerance, it is perfect for inspection in narrow areas like pipes and upper and lower internals, such as BWR jet pumps.

### APPLICATIONS

- Mounts on a range of manipulator and underwater tool systems, or can be dropped down hanging by its cable
- Close-up inspection in high-radiation areas
- Ideal for use in areas with limited space such as the belt-line area and inside nozzles and pipes
- Fits in the flow holes of a PWR reactor and can perform inspections underneath the core plate

### BENEFITS

- High radiation tolerance
- Small diameter
- Mirror tilt function enabling it to look either straight or 90 degrees +-20 degrees
- 12 high powered LED lights
- Available in SD/HD video versions

### SPECIFICATIONS

Diameter	62 mm (2.44")
Length	425 mm (16.7")
Weight	7.5 kg (16.5 lbs)
Housing material	Stainless steel EN1.4301/EN 1.4436, AISI 304/AISI 316, anodized aluminum
Radiation tolerance (dose rate)	up to 500 Gy/h (50 000 rad/h)
Radiation tolerance (total dose)	3 500 Gy (350 000 rad)
Maximum temperature	50°C (122°F)
Water tightness	min 3.5 bar (50 psi)
Zoom	x10 optical x10 digital giving x100
Minimum distance to object	5 mm (0.20")
SD horizontal angle of view	35° (wide end), 5° (tele end)
HD horizontal angle of view	50°(wide end) to 5°(tele end)
Resolution SD version	720 TV-lines
Resolution HD version	720p
Lights	12 ea high power internal LED 2 lighting channels 300 lumen per channel
Pan angle	360°
Mirror tilt angle	0-55° (gives a viewing angle of 110°)

*We reserve the right to alter specifications without prior notice*

### PTZ620 IMAGES



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