



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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