

i-CAM

Modular Digital Inspection



Camera Head

- Self-leveling head for upright viewing, despite orientation.
- Constructed of titanium and scratch-resistant sapphire.
- Centering devices for centered view in pipes 50–225 mm Ø.
- Shadowless LED illumination.
- Optional 33 kHz, 512 Hz or 640 Hz SONDE.

Rod & Coiler

- 60 m fibreglass-reinforced push rod with watertight connectors.
- Welded frame with lockable coiler.

Control Unit (CCU)

- Daylight-viewable 10.4" TFT LCD.
- Compact Flash card slot for easy PC upload of JPEG images and QuickTime video clips.
- Video text writer with membrane QWERTY keyboard.
- Onscreen meterage counter.
- Standard composite video output.
- Built-in 6 hour battery with multi-voltage charger.
- Lightweight, heavy-duty case.



i-CAM's flexible head and rigid rod negotiate pipes of all shapes and conditions.



CCU with digital recording, LCD display and text overlay.

Modular, Digital & Rugged.

i-CAM's separate CCU with large LCD, distance display and QWERTY text overlay keyboard let you easily view and annotate inspection footage. The system negotiates multiple bends while maintaining a centred, upright view with i-CAM. Its Compact Flash card facilitates PC upload of inspection images and video clips. Rugged and modular, the robust i-CAM withstands harsh conditions to deliver dependable performance.

Controls	Display	10.4" TFT LCD
	Storage	Compact Flash (JPEG images, QuickTime video clips)
	Power	110–240 Vac or 12 Vdc (via 6-hr internal gel battery)
	Output	PAL and NTSC video
	Weight	12 kg
Camera Head	Height	400 mm
	Size	41 mm ø × 66 mm
	Construction	Titanium, sapphire
	Pipe Compatibility	50–255 mm
	Imager	1/4" color CCD w/ DSP
	Effective Pixels	512 × 582 (PAL), 512 × 492 (NTSC)
	Resolution	380 HTVL (470 enhanced)
Coiler	Sensitivity	< 1.5 lux
	Aperture / FOV	F2.5 / 75°
	Rod Length	60 m
	Weight	20 kg
	Height	780 mm

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