



Rail Overhead Line Equipment Wireless Inspection System

0561-6000

Benefits

- Operates seamlessly with live high voltage wires (29kV AC+)
- Rugged IP68 rated camera design
- Automated wire measurement software with 0.1mm accuracy
- High resolution 64MP stills & high-quality video
- Up to 9hrs camera charge & 30m wireless range

Applications

- Live High Voltage Wire Inspection
- Measurement & Analysis

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Rail Overhead Line Equipment Inspection System



Performance, Electrical & Network

Camera Resolution - Stills	64MP (9152 x 9644)
Camera Resolution - Video	960 x 720 at 30 fps
Power Supply	Rechargeable 12Ah Li ion battery 9V dc/2.5A Charger
Battery Operating Life	8 hours (typical)
Wireless Transmission Frequency	802.11g – 2.4 GHz
Wireless Operating Range	Up to 30m
Electro-Magnetic Compatibility	EN61000-6-2-2004 Emission and EN61000-6-4-2007 Immunity

Optical

Angle of View	84° diagonal
Focus	Auto or manual
Zoom Ratio	10 x digital
Port	Optical glass

Mechanical

Size (Excluding end cup)	120mm (H) x 160mm (W) x 142mm (D)
Weight	1.93 kg
Detachable Steady Arms	150mm (L); other options available
Tilt (Electrically driven)	+30° from horizontal
Housing	Hardened plastic (choice of colours)

Environmental

* Temperature (Operating)	-10°C to +40°C
* Temperature (Storage)	-20°C to +50°C
* Camera Rating	IP68 submersible to 2m
* High Voltage Resistance	29kV (15 minutes wet or dry)

Illumination

Source	Built in LED
Light on target @14cm	150 lux during video, 300 lux during photo

Measurement Software

Measurement resolution	0.1mm
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Specification subject to change without any further notice

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