



TECHNICAL DATA

Specifications

Camera

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|-------------------------|--------------------------|
| Lens Sensor Resolution: | 640 x 480 |
| Camera Diameter: | 0.31" (8mm) |
| Short Distance Focus: | 1.18 to 3.15" (3 to 8cm) |
| Depth of Field: | 10mm to infinity |
| Viewing Angle: | 30mm to 80mm |

General Specifications

| | |
|-----------------------------------|-----------------------------------|
| Display: | 2.7" Color TFT LCD |
| Display Resolution: | 320 x 240 |
| LCD Brightness Adjustment: | Yes (12 levels) |
| Frames per Second (FPS): | 30 |
| Standard Gooseneck /Cable Length: | 39" (1m) |
| Rotate Display: | Yes |
| Playback: | Photo(JPEG) and Video (AVI) |
| Digital Zoom: | 6x |
| Memory: | SD Card (up to 32Gb) |
| Picture-in-Picture Mode: | Yes |
| Time and Date Stamp: | Yes |
| Data Output: | USB/SD Card |
| Camera LEDs: | Yes (6 white LEDs) |
| Camera LED Brightness Adjustment: | Yes (12 levels) |
| Low Battery Indicator: | Yes |
| Power Supply: | 4 AA Batteries |
| Auto Power Off: | Yes (Adjustable 5, 10, 15, 20min) |
| Product Certifications: | CE, IP67 |
| Operating Temperature: | -4 to 158°F (-20 to 70°C) |
| Storage Temperature: | -4 to 158°F (-20 to 70°C) |
| Dimensions: | 9 x 3.5 x 1.7" (230 x 90 x 42 mm) |
| Weight: | 7.4 oz (210g) |

Features

- Camera and video functions save high resolution images and video
- Comfortable pistol grip design
- High resolution 2.7" color LCD monitor
- 8mm waterproof (IP67) camera head
- Gooseneck cable retains configured shape
- Cable expandable up to 30 ft. (~9m) with extensions (optional)
- Four high visibility LED lights provide illumination in dimly lit environments
- Expandable memory up to 32Gb (SD card sold separately)
- Mirror rotation and Picture-in-Picture functions
- Low battery indicator and auto shut off
- Includes 8mm camera head, magnet, hook and mirror attachments, batteries, USB cable and hard carrying case

| Model | Description |
|--------------------|--|
| R8500 | Video Inspection Camera |
| R8500-RCH | 9mm Replacement Camera Head |
| R8500-3MEXT | 9.8' (3m) Cable Extension |
| R8500-3.9MM | 3.9mm Camera Head |
| R8500-5M9MM | 9mm Camera with 16.4' (5m) Cable |
| R8500-20M | 9.8mm Camera on 65.6' (20m) Cable Reel |
| R8500-ART | 5.5mm Camera with Articulating Head |
| RSD-16GB | 16GB Micro SD Memory Card with Adapter |