

### TECHNICAL DATA



### Specifications

#### Camera

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

FOV:	54°
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 42mm)
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
<b>R8500</b>	Video Inspection Camera
<b>R8500-RCH</b>	9mm Replacement Camera Head
<b>R8500-3MEXT</b>	9.8' (3m) Cable Extension
<b>R8500-3.9MM</b>	3.9mm Camera Head
<b>R8500-20M</b>	9.8mm Camera on 65.6' (20m) Cable Reel
<b>R8500-ART</b>	5.5mm Camera with Articulating Head
<b>RSD-16GB</b>	16GB Micro SD Memory Card with Adapter