

TECHNICAL DATA

Specifications

Camera

Lens Sensor Resolution:	640 x 480
Camera Diameter:	0.35" (9mm)
Short Distance Focus:	1.18 to 2.36" (3 to 6cm)
Depth of Field:	10mm to infinity
Viewing Angle:	0 to 180°

General Specifications

Display:	2.5" Color TFT LCD
Display Resolution:	480 x 240
Frames per Second (FPS):	30
Standard Gooseneck/ Cable Length:	39" (1m)
Rotate Display:	Yes (180°)
Playback:	Photo (JPEG) and Video (AVI)
Digital Zoom:	4x
Memory:	SD Card (up to 32Gb)
Time and Date Stamp:	Yes
Data Output:	USB / SD Card
LED Brightness Adjustment:	Yes (4 white LEDs)
Low Battery Indicator:	Yes
Power Supply:	4 AA Batteries
Auto Power Off:	Yes (after 10 minutes)
On-Screen Supported Languages:	English, German, French, Spanish
Product Certifications:	CE, RoHS, IP67 (Camera Head)
Operating Temperature:	14 to 122°F (-10 to 50°C)
Storage Temperature:	14 to 113°F (-10 to 45°C)
Operating Humidity:	15 to 85%
Dimensions:	6 x 3 x 2" (152 x 76 x 51 mm)
Weight:	12.7oz (359g)



Features

- Camera and video functions save high resolution images and video
- Comfortable pistol grip design
- High resolution 2.5" color LCD monitor
- 9mm 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)
- 180° mirror rotation function
- Low battery indicator and auto shut off
- Includes magnet, hook and mirror attachments, batteries, USB cable and hard carrying case

Model	Description
R8500	9mm Video Inspection Camera, Recordable
R8500-RCH	9mm Replacement Camera Head
R8500-3MEXT	9.8' (3M) Cable Extension
R8500-3.9MM	3.9mm Camera Head
R8500-5M9MM	9mm Camera Head on 16.4' (5M) Cable
R8500-20M	9.8mm Camera Head on 65.6' (20M) Cable Reel
R8500-ART	5.5mm Articulating Camera
SD-MINI(8GB)	Micro SD Memory Card, 8GB