RND lab

Inspection Cameras & Endoscopes

Brochure

RND 355-00004
RND 355-00006
RND 355-00007
RND 355-00008
RND 355-00009

www.rnd-electronics.com

Video Inspection Camera 2.4”

Features

- Ergonomic handle
- 180 degree rotating function
- 3 times zoom in function
- Supports snap shots and videos recording
- Can be extended with many different camera (VGA) probe accessories

Specification

Camera diameter	8.0mm
Camera light source	White LEDs 4pcs
Camera resolution	640 X 480 Pixels
Camera field of view	54˚
Camera depth of field	3-6cm
Display resolution	960 X 240 Pixels
Display size	2.4”
Display rotating	180˚ X 2
Zoom	Digital 3 times
IP coverage	IP67 (Camera head & Probe only)
Power supply	AA 1.5V batteries x 4pcs
Probe diameter	6.5mm +/-2mm
Probe length	100cm +/-2cm
Operating temperature	0 to 45˚C
Storage temperature	-10 to 50˚C

Accessories

- Camera probe
- Magnet
- Hook
- Mirror
- Storage case
- USB cable
- Operating manual

Art. Nr.
RND 355-00004

RND is a trademark of Dätwyler Schweiz AG, Gotthardstrasse 31, 6460 Altdorf, Switzerland, info@rnd-electronics.com

RND lab
EN

Video Inspection Camera 2.7”

Features

- Ergonomic handle
- 180 degree rotating function
- 4 times zoom in function
- Supports snap shots and videos recording
- Supports SD card up to 32G
- Can be extended with many different camera (VGA) probe accessories

Specification

Camera diameter	8.0mm
Camera light source	White LEDs x 4pcs
Camera resolution	640 X 480 Pixels
Camera field of view	54˚
Camera depth of field	3-6cm
Display resolution	960 x 240 Pixels
Display size	2.7”
Display rotating	180˚ X 2
IP coverage	IP67 (Camera head & Probe only)
Power supply	AA 1.5V batteries x 4pcs
Probe diameter	6.5mm+/-2mm
Probe length	100cm +/-2cm
Operating temperature	0 to 45˚C
Storage temperature	-10 to 50˚C
Zoom	Digital 4 times

Accessories

- Camera probe
- Magnet
- Hook
- Mirror
- Storage case
- USB cable
- Operating manual

Art. Nr.
RND 355-00006

RND is a trademark of Dätwyler Schweiz AG, Gotthardstrasse 31, 6460 Altdorf, Switzerland, info@rnd-electronics.com

Wireless Video Inspection Camera 2.7”

Features

- 3 times zoom in function
- 180 degree rotating function
- iOS and Android compatible
- Supports snap shots and videos recording
- Compatible with 2 smart devices at the same time
- Can be attached with different size camera probe accessories

Specification

Camera diameter	8.0mm
Camera light source	White LEDs x 4pcs
Camera resolution	640 X 480 Pixels
Camera field of view	54˚
Camera depth of field	3-6cm
Display resolution	960 x 240 Pixels
Display size	2.7”
Display rotating	180˚ X 2
IP coverage	IP67 (Camera head & Probe only)
Power supply	AA 1.5V batteries x 4pcs
Probe diameter	6.5mm+/-2mm
Probe length	100cm +/-2cm
Operating temperature	0 to 45˚C
Storage temperature	-10 to 50˚C
Zoom	Digital 3 times

Accessories

Camera probe
Magnet
Hook
Mirror
Storage case
Operating manual

Art. Nr.
RND 355-00007

RND is a trademark of Dätwyler Schweiz AG, Gotthardstrasse 31, 6460 Altdorf, Switzerland, info@rnd-electronics.com

RND lab
EN

Water-Proof Video Inspection Camera 3.5”

Features

- IP68 protection
- 180 degree rotating function
- Supports SD card up to 32G
- Supports snap shots and videos recording
- Can be extended with many different camera (VGA) probe accessories

Specification

Camera diameter	8.0 ± 1.0 mm
Camera light source	White LEDs x 4pcs
Camera resolution	640 X 480 Pixels
Camera field of view	54˚
Camera depth of field	3-6cm
Display resolution	320 x 240 Pixels
Display size	3.5”
Display rotating	180˚
IP coverage	IP68 (Main unit) IP67 (Camera head & Probe)
Power supply	AA 1.5V batteries x 4pcs
Probe diameter	6.5mm+/-2mm
Probe length	100cm
Operating temperature	0 to 45˚C
Storage temperature	-10 to 50˚C
Zoom	Digital 4 times
Minimum bending radius	4.5cm
Power consumption	Max 500mA
Sensitivity	1.8V (Lux,sec)
Color mosaic	RGB Bayer pattern
White comparison	Automatic
Exposure to light	Automatic
Handler end AVI port	NTSC & PAL signal out
Total length of device	111.0 ± 2.0cm
Metal tube length	88.0 ± 2.0 cm

Accessories

Camera probe
Magnet
Hook
Mirror
Storage case
USB cable
Operating manual

Art. Nr.
RND 355-00008

RND is a trademark of Dätwyler Schweiz AG, Gotthardstrasse 31, 6460 Altdorf, Switzerland, info@rnd-electronics.com

RND lab
EN

Pocket Inspection Camera

Features

- 4.3" colorful LCD screen
- Real-time video playback and output
- 8 mm camera head
- IP67 waterproof grade
- Image flip function
- 2 x zoom in

Specification

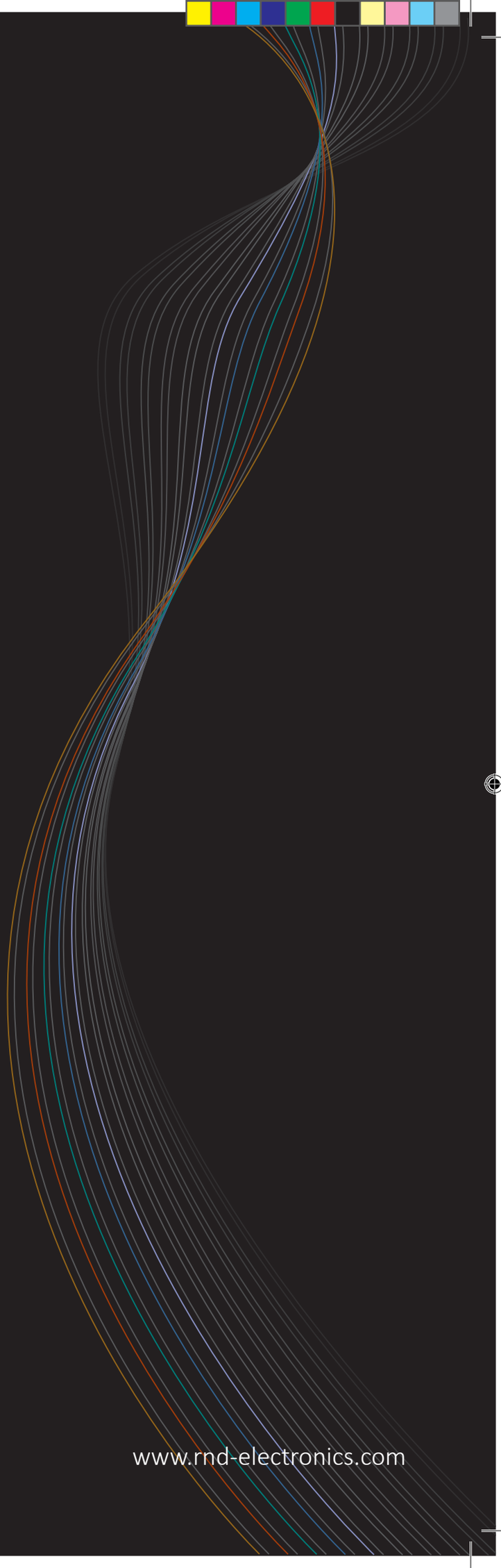
Camera Diameter	8mm
Image Sensor	1/9", CMOS
Effective Pixel	640*480 pixels
Horizontal View Angle	45±5°
Tube Lenght	770mm
IP Grade	IP67(excluding the joint part)
Power Supply	AA x 4
Display Dimensions	4.3" TFT LCD inch
Image Zoom Ratios	X1.5, X2
Video Formats	NTSC and PAL
Power Consumption	1.5W(MAX)
Product Dimensions	180*36*89mm
Operating Temperature	-10~+50°C
Storage Temperature	-20~+60°C
Operating Humidity	15%~85% RH
Weight	325±5g

Type Nr.
RND 355-00009

RND

RND is a trademark of Dätwyler Schweiz AG, Gotthardstrasse 31, 6460 Altdorf, Switzerland, info@rnd-electronics.com

RND
lab



www.rnd-electronics.com