

# ion 4.3"

HAND-HELD DIGITAL INSPECTION, MAGNIFIER



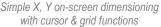
An award-winning inspection magnifier that provides a crystal-clear image in a comfortable, hand-held and highly intuitive optical inspection magnifier.



The ion 4.3" hand-held digital inspection magnifier is an award-winning inspection magnifier that provides a crystal-clear image for the user. Designed to replicate the look and feel of an optical magnifier, ion 4.3" starts up fast providing for quick and immediate use, is comfortable to hold and highly intuitive.

The display of ion 4.3" delivers an unrivaled sharp, bright and high contrast image in low light conditions. Its stunning color image and wide viewing angle provides comfortable use in hard-to-reach places. The unique patent-pending dimensioning grids and cursors enhance the capability and efficiency of decision making for inspection operators and technicians.







Flip-out focus & stability leg



Lightweight, comfortable and portable design makes inspection easy and efficient



reddot design award

#### **SPECIFICATIONS**

Screen Size / Resolution 4.3" diagonal TFT display, 480 x 272 pixels Magnification Far focus: 4x-8x; Near focus: 7x-14x **Working Distance** 7x magnification: 12mm; 14x magnification: 24mm 100 images in 480 x 272 pixels; 24-bit bitmap format **Image Storage Mode** transferable to PC via the included micro USB cable Depth of Field 3.5cm in overview; 1.5cm close

**Dimensioning Cursors/Grids** 

Sensor

**Battery / Charger** 

**Connection Cable** 

**Unit Supply Voltage** 

Weight

Yes

3MP CMOS, RGB565 video at 30fps

Rechargeable Lithium Ion battery; 5 hours use time; 4 hours charge time with supplied 100v-240vac 50/60Hz

charger/adapter

Micro USB

5v DC, micro USB connector

225g

### **Key Features**

- Accurate and detailed inspection of a wide variety of objects enabled through lossless image quality and super-sharp magnification up to 14x with high resolution TFT display and adjustable LED illumination.
- Instant on-screen measurement for quick and cost-effective quality assurance provided by integrated XY dimensioning grids and cursor functions.
- Easy recording and traceability of one hundred images with date stamp using image capture software for accurate quality control records.
- Mobile visual inspection tool that enables access to hard to reach and poorly lit areas due to its compact, portable design.
- Unique Liquid Lens technology provides a wide focus range, fast response time, excellent optical quality and low power consumption.

#### **ISO 9001**

Certification

Design and production adheres to ISO9001 international quality standard.

#### ISO 14001

Certification

Design and production meets the requirements of international standard ISO 14001 for environmental management.







## LNITZON

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