

# Digital Angle Ruler – English Datasheet

Brand: SanLiang

Model Series: 187-101 / 187-102 / 187-103

## 1. Product Overview

A precision digital angle finder with an integrated ruler, designed for accurate angle and length measurements in woodworking, metalworking, construction, and DIY projects.



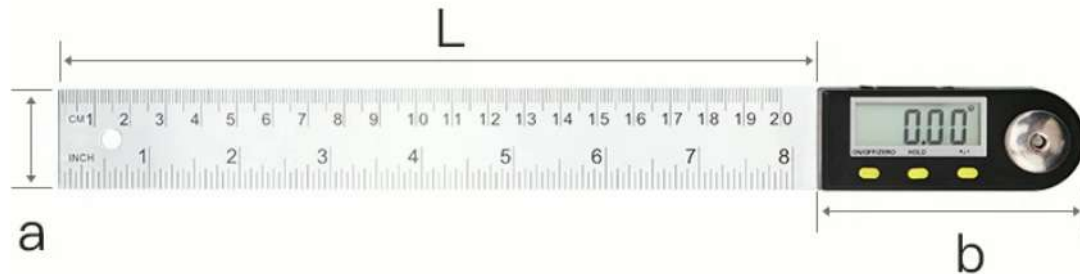
IP54 (dust-protected & splash-resistant, not water-resistant)

## 2. Key Features

Parameter	Specification
Measurement Range	0 – 360°
Length Options	200 mm / 300 mm / 500 mm
Resolution	0.05°
Accuracy	± 0.3°
Thickness	1.2 mm
Material (Body)	High-quality stainless steel
Display	Large LCD with backlight
IP Rating	IP54 (dust-protected & splash-resistant)
Power	3V CR2032 battery (included)
Functions	Zero set, Hold, On/Off, Unit switch (° / %)

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## Dimensions (mm)



Model	Measuring Range	Thickness	a	b	L (Total Length)
187-101	0 – 200 mm	1.2 mm	28	60	530
187-102	0 – 300 mm	1.2 mm	28	60	730
187-103	0 – 500 mm	1.2 mm	28	60	1140

### Diagram Reference:

- **a:** Width of ruler blade
- **b:** Width of display head
- **L:** Total unfolded length

## 4. Display & Operation

- **Real-time angle display** in degrees (0.0° – 360.0°)
- **Hold function** freezes reading.
- **Zero calibration** at any position.
- **Auto power-off** after 5 minutes of inactivity.
- **Low battery indicator.**

## 5. Applications

- Bevel & miter angle setting
- Crown molding cuts
- Staircase & railing layout
- Frame alignment
- Machinery setup & alignment

## 6. Safety & Maintenance

- Avoid exposure to strong magnetic fields
- Clean with dry or slightly damp cloth
- Do not disassemble the display unit
- Do not use the it under water
- Store in dry environment

