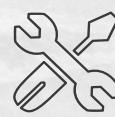# SAFE-GAUGE
INSPECTION CAMERA

TECHNICAL DATA SHEET

Maximise Safety | Eliminate Live Work | Wireless up to 50m (164ft) | Precision Inspection

OVERVIEW

The SafeGauge Inspection Camera operates within a WiFi range of up to 50 metres (164ft) allowing users to connect it to the MultiTool Pro.

Each Inspection Camera can be uniquely identified by its serial and product number. Similar to SafeGauge sensors, the MultiTool Pro can connect to a CAM360 providing a live video preview.

With the MultiTool Pro, users can capture photos and record videos, which are then saved directly to the device.

APPLICATIONS

- Remote monitoring and inspections
- Equipment maintenance and diagnosis

CAPABILITIES

- Captures 360° videos with 4K resolution
- 50m (164ft) line of sight WiFi range
- Snaps still images
- Removable battery

STANDARD ACCESSORIES

- 1 x Spare Battery
- 1 x Battery Charger
- 1 x Set of Lens Protectors
- 1 x Camera Sleeve
- 1 x Lens Cleaning Cloth

Additional accessories included in the Inspection Camera Kit (IC-01-MTP) - See page 4.

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SPECIFICATIONS

LENS AND MEDIA	
Aperture	F2.4
Image Sensor	1/2.0″ (x2), Effective pixels: ~48 MP (x2)
Charging	To be charged by SafeGauge charging case only
Video Resolution	4K: 3840x1920/30fps/100Mbps
File Format	Still Images: JPEG Video: MP4 (MPEG-4 AVC/H.264, AACLC 1ch)
Recording Media	Internal Memory: ~46 GB
Shutter Speed & ISO	Auto/Shutter Priority: ISO50-3200
Exposure Compensation	-2.0 to +2.0 EV (1/3 EV steps)
Charging Time	3 hours (from zero to full charge)

DISPLAY AND CONNECTIVITY	
Display Panel	2.25″TFTColorLCD(360x640), AutoBrightness
Touch Panel	Capacitance Type
Wireless Standards	802.11 a/b/g/n/ac (2.4 GHz / 5 GHz), Bluetooth 5.0.
Interfaces	USB Type C, USB 3.2 Gen 1
Maximum WiFi Range	50 metres (164 feet) line of sight

SPECIFICATIONS

POWER AND DIMENSIONS	
Power Supply	Rechargeable DB110 (1350 mAh)
Maximum Range	50 metres (164 feet)
Battery Life (4K Video)	~55 minutes
Dimensions	51.7mm (W) x 136.2mm (H) x 29.0mm (D) (~2.0" (W) x 5.4" H x 1.1" D)
Weight	~170grams (with battery and microSD) (~144grams for camera only)

ENVIRONMENTAL	
Operating Temperature Range	0 to 40°C (32 to 104°F)
Operating Humidity Range	< 90%
Storage Temperature Range	-20 to 60°C (-4 to 140°F)

INSPECTION CAMERA KIT CONFIGURATIONS

12 Channel Field Service Kit
7x Pressure Transducers
1x Dial Indicator
1x Tachometer
2x Push Rods
1x Inspection Camera
Standard Inspection Camera Accessories
1x MultiTool Pro

8 Channel Field Service Kit
6x Pressure Transducers
1x Dial Indicator
1x Inspection Camera
Standard Inspection Camera Accessories
1x MultiTool Pro

2 Dial Indicator Kit with Inspection Camera
2x Dial Indicators
1x Inspection Camera
Standard Inspection Camera Accessories
1x MultiTool Pro

Inspection Camera Kit
1x Inspection Camera
1x MultiTool Pro

Additional Accessories Included:
1x Dome Protective Case
1x V-Block
1x Fall Restraint Cable

Lens Protectors not included

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