

Solution for daily visual inspections

LiLz Gauge allows you to visually inspect remote locations from your office or home with an IoT camera that requires no power or network installation. Our IoT camera has a battery life of three years when photoshooting three times per day*. It can be easily installed anywhere outdoors, indoors, and in dark locations, and is reasonably priced. LiLz Gauge has a complete set of features needed to improve inspection efficiency, including AI-based automatic reading of gauge values, data export, and threshold alerts. LiLz Gauge is a great fit for those who want to reduce the cost of daily inspections.

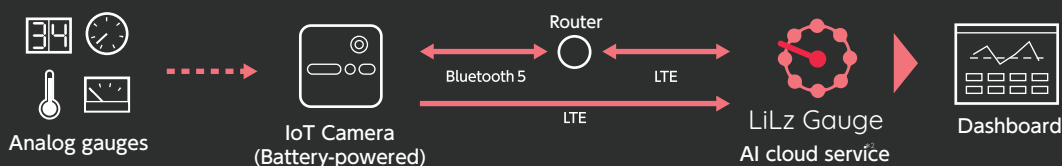
*Battery life varies depending on the shooting resolution, signal conditions and temperature



No power supply nor network



Remote daily visual inspections



LiLz Gauge AI service

AI cloud service that can automatically read any analog gauges value.

AI automatically reads gauge values for various shapes.

Automatic detection of camera misalignment for high reading accuracy.

Threshold alerts and Data export is also provided.

Gauge Type



Circle



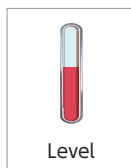
Rectangle



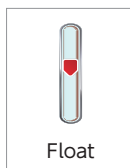
7-segment



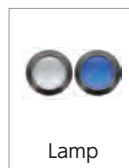
Counter



Level



Float



Lamp

Gauge Setting



LiLz Cam IoT camera

The global model will be available in Summer 2023!

IoT camera with 3-years battery life, also offering explosion-proof support

Main Specifications



Body size: 125.5mm x 139.9mm x 24.5mm
 Weight: approx. 360g
 Dustproof / Waterproof: IP65
 Data communication:
 Uplink: LTE Cat.1
 Downlink: Bluetooth® 5 long range
 Resolution: 320 x 240 ~ 2592 x 1936
 FOV: 68.7° .
 Operating environment: temperature -10°C~ 50°C,
 Humidity 20% ~ 80%.
 Tripod screw hole: 1/4-20 UNC x 4
 iOS application: iOS12 and above

Main Specifications



ATEX directives
 II 2D Ex ic IIC T4 Gc
 II 2G Ex ic IIIC T135°C Dc
 Body size: 150mm x 123mm x 14.6mm
 Weight: approx. 500g
 Dustproof / Waterproof: IP65
 Data communication:
 Uplink: LTE Cat.1
 Downlink: Bluetooth® 5 long range
 Resolution: 320 x 240 ~ 2560 x 1920
 FOV : 90° .
 Operating environment: temperature -10°C~ 50°C,
 Humidity 20% ~ 80%
 Tripod screw hole: 1/4-20 UNC x 4
 iOS application: iOS12 and above

Main target fields



Industrial gas /
Medical gas



Petrochemical plant /
Chemical plant



Water and sewage
plant



Stell plant



Beverage plant

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Making Filedwork maintenance easier.