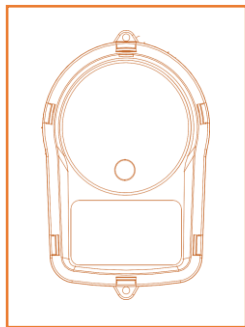


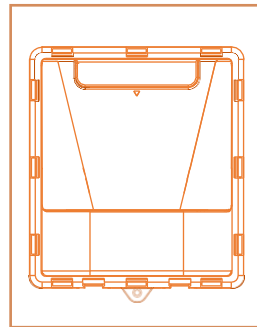
LET THINGS TALK

SiMeter OCR

Line Utilities



SiWater OCR
SiLevel OCR



SiGas OCR
SiElec OCR

With our SiMeter OCR solution we are able to read 99,9% of the meters.



AI



Camera



Flash



OCR



IP68



ATEX

OVERVIEW

SiMeter OCR:

- NB-IoT technology provides a new level of communication, this low investment cost technology greatly improves efficiency and reduces human error when taking readings. It avoids disturbing customer privacy and also reduces potential security risks to the customer. SiMeter OCR allows you to monitor customer consumption patterns, signal failures and unauthorised interventions.

Core Strengths

- Local identification: proprietary technology, to achieve the digital identification on the meter.
- AI chip: AI chip independently developed with patents to realise chip-level image recognition algorithm.
- A variety of outputs: data reading directly from the device, small size binary diagram and clear original diagram can be provided to meet different network and compatibility requirements.
- Data storage: the meter can store the historical data, and the historical data will not be lost when the network is cut off.
- Compatibility: applicable to any type of meters, suitable for different manufacturers, different models of meter installation.
- Easy installation: easy installation for one person, no need to stop water and power supply.



Route optimisation



Cost savings



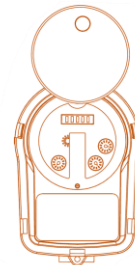
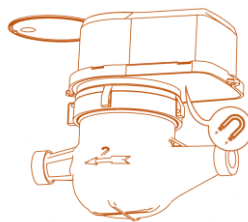
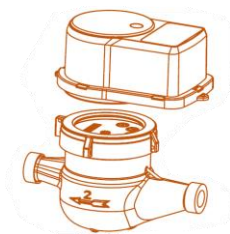
Reduction of emissions



Alerts

Our SiWater OCR and SiLevel OCR solution is able to read 99% of water meters and level meters.

Type	SiWater & SiLevel → OCR
Dimensions	134 mm x 96 mm x 55 mm
Weight	200g
Battery capacity	Lithium Battery AA 8500mAh
Battery Life	6 Years *
Working Current	<160 mA
Standby current	<5µA
Humidity	0 – 99 %
Working temperature	-10° / + 55°
Storage temperature	-25°/ +70°
Recognition accuracy	> 99.9 %
Protection	IP68 – ATEX (EX II1GD IIC T6 Gda)
Reception sensitivity	-139 +/- 1dBm
Maximum system transmission power	NB:23 +/- 2dBm
Standing wave ratio	<3
Electromagnetic protection	Grade E1
Communication module	Nb-IoT **
* Operating at temperature from + 5°C to 35°C.	
** Different network and compatibility requirements, depending on country.	
*** Availability of anchoring accessories.	



Valor: 23123
Hora: 2022-01-08 11:14:43

Water meter → OCR



Valor: 83
Hora: 2022-04-06 13:36:02

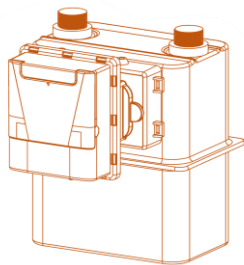
Level meter → OCR
(Rochester Jr – Gas LPG)

Certifications:

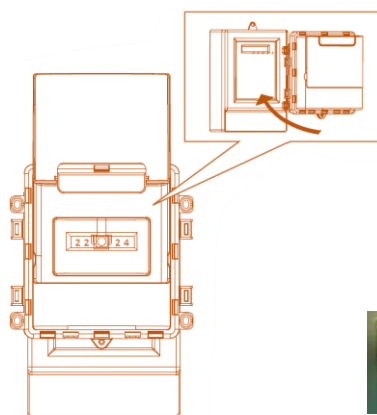


Our SiGas OCR and SiElec OCR solution is able to read 99% of gas meters and electricity meter.

Type	SiGas & SiElect →OCR
Dimensions	167mm x 134mm x 96mm
Weight	350g
Battery capacity	Lithium Battery AA 8500mAh
Battery Life	6 Years *
Working Current	< 160 mA
Standby current	< 5µA
Humidity	0 – 99 %
Working temperature	-10° / + 55°
Storage temperature	-25° / +70°
Recognition accuracy	> 99.9 %
Protection	IP68 – ATEX (EX II1GD IIC T6 Gda)
Reception sensitivity	-139 +/- 1dBm
Maximum system transmission power	NB:23 +/- 2dBm
Standing wave ratio	<3
Electromagnetic protection	Grade E1
Communication module	Nb-IoT **
* Operating at temperature from + 5°C to 35°C.	
** Different network and compatibility requirements, depending on country.	
*** Availability of anchoring accessories.	



SiGas OCR



SiElec OCR



3270.162

Gas meter → OCR

Certifications:

