

Detection – Extraction – Precision

Say Goodbye to Manual Meter Reads

With technological advancement, utilities are relying on fast and promising solutions for accurate meter data collection and usage. UGO offers an automatic, reliable and simple AI-based OCR Solution which aid in scanning, reading, and providing inputs for relevant meter data information such as meter reading, unit type, meter serial number, and meter manufacturer by leveraging advanced machine learning algorithms.

Supported Meter
(Electric, Gas and Water)

3 4 3 8 9 2

Kilowattstunden

0 1 0 3 9

Analog Meter

L1 kWh

000000.17

Digital Meter

10 000027

Smart Meter

✓ High Accuracy

✓ Decimal Point Read

✓ Low Light Scanning

✓ Device Identification

✓ Offline Capability

✓ GPS Tracking

✓ Bulk Processing

Key Features



Data Accuracy

Eliminates the possibility of human error in data entry, ensuring accurate information gathered from mechanical, electronic and smart meters.



Mobile Application

Seamlessly capture meter values directly from your device's camera, maximizing efficiency and boosting productivity.



Increased Efficiency

Utilities can achieve exponential gains in data capture speed, propelling efficiency and streamlining processing timelines.



Data Validation

Measurements taken by the utility meter are precise and reflect the actual utility consumption according to the OBIS IEC 62056-61 standard.



Scalability

Leveraging decentralized system structure, distributing meter data processing and integration tasks across multiple layers.



Offline Processing

Enabling offline data collection in remote areas and implementing robust data security measures.



Better Consumer Service

The integration into customer support operations fosters robust query resolution capabilities, leading to customer satisfaction.



Cost-effective

OCR does not require expensive hardware to operate, as it is readily available on mobile devices that most people already own.



Dashboard & Reports

Incorporates an advanced visualization engine that grants users real-time IoT-powered monitoring of meter data and any irregularities



Integration

Integration layer for publishing data on demand read, control, device para-meterization, meter reading scheduling etc.



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