



ENABLING NEW REVENUE STREAMS

✓ **UTILITIES**

✓ **FACILITY MANAGERS**

✓ **CONSUMERS**



Innovative service platform for utilities and energy supplier

The EnergyRadar MeterExtension #3

- Connects to the optical port of the Smart Meter and sends the data to the EnergyRadar Service Management.
- Provides metering data **from** the Smart Meter **to** the EnergyRadar Service Management **via** Wi-Fi or LTE
- Enables communication interfaces based **on API, MQTT and LwM2M** for the device management.



The EnergyRadar MeterExtension #3

| Key Points

- Allows the connection to **many different meter** with optical interface
- **independent** from the meter interfaces, sends the same data structure to EnergyRadar Service Management
- Makes integration **easy**, even if different meters are deployed
- Compatible with “FNN Basis Zähler”



Real-Time Monitoring for Smart Meter

The EnergyRadar MeterExtension #3

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Easy Installation

- Insert the network plug into the smart meter's local port.
- Use your EnergyRadar APP to connect the ME#3
- Use the APP to connect the MeterExtension #3 to the local Wi-Fi
- Compatible with smart meter in Germany

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Supported Meter Interfaces

- IEC 63056-21
- SML
- DLMS/COSEM (project based)

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Application Interfaces

- REST-API (meter readings and configuration)
- MQTT (publish only)
- LwM2M (device management)

Real-Time Monitoring for Smart Meter

The EnergyRadar MeterExtension #1

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Certifications

- Compliant with WiFi-Alliance, SRRC, FCC, CE (RED), TELEC, IC & KCC
- Compliant with RoHS, Halogen Free, REACH & CFSI HTOL, ESD-HM, MSL, μ HAST, HTSL.

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Wi-Fi Features

- Wi-Fi protocols: 802.11 b/g/n
- Frequency range: 2.4 GHz ~ 2.5 GHz
- Output Power: +22dBm peak power
- Wi-Fi mode: Station/SoftAP/SoftAP + Station
- Security: WPA/WPA2
- Encryption: WEP/TKIP/AES

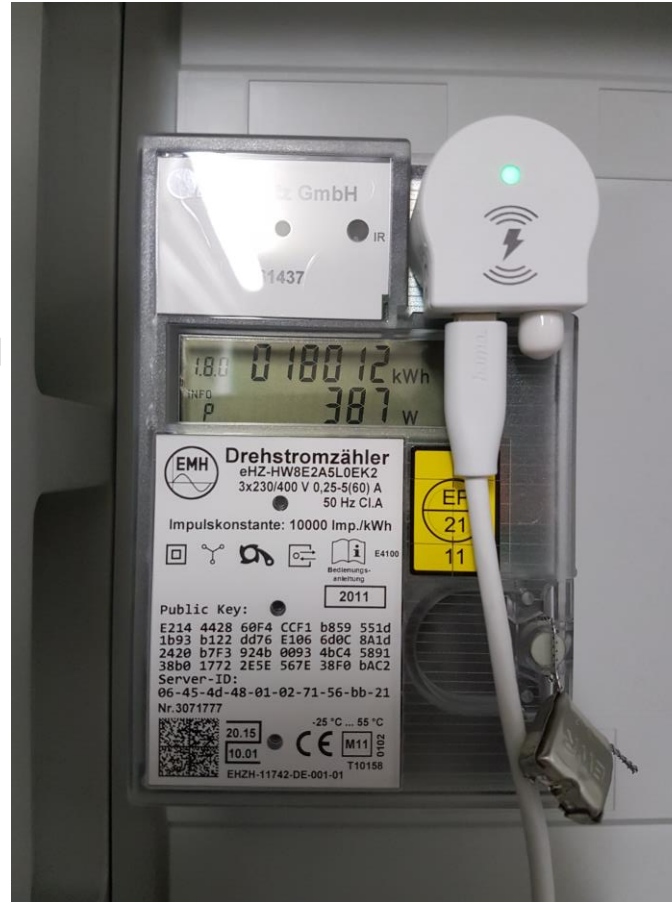
Real-Time Monitoring for Smart Meter

The EnergyRadar MeterExtension #1

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Power supply

- Via an USB-C connector for external power supplies



The EnergyRadar
MeterExtension #3 for all
meter with an optical port!

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