



**IMST GmbH**

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# iOKE868 LoRaWAN

## Product Release Notes

Version 1.2.0

**Document State**

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# iOKE868 LoRaWAN - Product Release Notes

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## 1. Content

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This file contains information about the iOKE868 for LoRaWAN.

## 2. Supported Hardware

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- iOKE868

## 3. Open Issues

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- not known

## 4. Revision History

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### Release #3 - Version 1.2.0 (19.04.2023)

Third release. iOKE868\_LoRaWAN\_V1\_2\_0.zip

Improvements:

- Handling of Meter ID ( Server ID ) improved for SML protocol
- Meter Protocol Type updated in "Meter Status Field" see AN035
- IEC protocol improvements
- IEC Decoder: support for special characters in OBIS codes added
- Error Handling of Remote Access Commands
- WS Configurator and Parsers updated
- Decoder for TTN and Chirpstack combined in one Parser

Content and versions:

- This file iOKE868\_LoRaWAN\_Release\_Notes.pdf
- Firmware
  - hex- file: iOKE868\_LoRaWAN\_iM881A\_XL\_V1\_2\_BC105.hex
  - iOKE868\_LoRaWAN\_FirmwareReleaseNotes.pdf
- WS Configurator
  - ZIP file WSConfigurator\_V1\_4\_0.win32.zip
- Parser
  - iOKE868\_LoRaWAN\_Decoder\_V1\_16.js
  - iOKE868\_LoRaWAN\_TagIO\_Decoder\_V1\_15.js
- Documentation
  - iOKE868\_LoRaWAN\_User\_Manual\_V1\_2.pdf
  - iOKE868\_LoRaWAN\_AN029\_PowerConsumption\_V1\_1.pdf
  - iOKE868\_LoRaWAN\_AN031\_QuickStartGuide\_V1\_2.pdf
  - iOKE868\_LoRaWAN\_AN033\_Integration\_with\_TTN\_and\_TagIO\_V1\_1.pdf
  - iOKE868\_LoRaWAN\_AN034\_ReassemblingData\_V1\_2.pdf
  - iOKE868\_LoRaWAN\_AN035\_RadioProtocol\_V1\_1.pdf
  - iOKE868\_LoRaWAN\_AN036\_RemoteAccessProtocol\_V1\_0.pdf
  - iOKE868\_LoRaWAN\_Meter\_Data\_Into\_Cloud\_V1\_1.pdf
  - WSConfigurator\_UserManual\_iOKE868\_V1\_5.pdf

### Release #2 - Version 1.1.0 (25.02.2022)

Second release. iOKE868\_LoRaWAN\_V1\_1\_0.zip

Improvements:

Configurable option for "HCI always on" removed  
Meter Protocol IEC Mode C added  
Automatic Meter Protocol Detection improved  
LoRaWAN Stack updated to v1.0.4

Content and versions:

- This file iOKE868\_LoRaWAN\_Release\_Notes.pdf
- Firmware
  - hex- file: iOKE868\_LoRaWAN\_iM881A\_XL\_V1\_0\_BC90.hex
  - iOKE868\_LoRaWAN\_FirmwareReleaseNotes.pdf
- WS Configurator
  - ZIP file WSConfigurator\_V1\_3\_15.win32.zip (including documentation)
- Parser
  - iOKE868\_LoRaWAN\_Chirpstack\_Decoder\_V1\_14.js
  - iOKE868\_LoRaWAN\_TagIO\_Decoder\_V1\_12.js
  - iOKE868\_LoRaWAN\_TTN\_Decoder\_V1\_14.js
- Documentation
  - iOKE868\_LoRaWAN\_User\_Manual\_V1\_1.pdf
  - iOKE868\_LoRaWAN\_AN029\_PowerConsumption\_V1\_1.pdf
  - iOKE868\_LoRaWAN\_AN031\_QuickStartGuide\_V1\_2.pdf
  - iOKE868\_LoRaWAN\_AN033\_Integration\_with\_TTN\_and\_TagIO\_V1\_1.pdf
  - iOKE868\_LoRaWAN\_Meter\_Data\_Into\_Cloud\_V1\_1.pdf

## Release #1 - Version 1.0.0 (15.12.2020)

First release: iOKE868\_LoRaWAN\_V1\_0\_0.zip

Content and versions:

- This file iOKE868\_LoRaWAN\_Release\_Notes.pdf
- Firmware
  - hex- file: iOKE868\_LoRaWAN\_iM881A\_XL\_V1\_0\_BC79.hex
  - iOKE868\_LoRaWAN\_FirmwareReleaseNotes.pdf
- WS Configurator
  - ZIP file WSConfigurator\_V1\_2\_12.win32.zip
  - WSConfigurator\_UserManual\_iO881A\_V1\_1.pdf
- Parser
  - iOKE868\_LoRaWAN\_Chirpstack\_Decoder\_V1\_10.js
  - iOKE868\_LoRaWAN\_TagIO\_Decoder\_V1\_7.js
  - iOKE868\_LoRaWAN\_TTN\_Decoder\_V1\_10.js
- Documentation
  - iOKE868\_LoRaWAN\_User\_Manual\_V1\_0.pdf
  - iOKE868\_LoRaWAN\_AN029\_PowerConsumption\_V1\_0.pdf
  - iOKE868\_LoRaWAN\_AN031\_QuickStartGuide\_V1\_0.pdf
  - iOKE868\_LoRaWAN\_AN033\_Integration\_with\_TTN\_and\_TagIO\_V1\_0.pdf