

IZAR Premium 2 RDC 4G

EHM008-R2

The IZAR Radio Data Concentrator Premium 2 is the most powerful data concentrator of Diehl Metering's RDC product family.

The IZAR RDC Premium 2 can reach highest reading performance in regards to reading range, data timeliness and data granularity under harsh environmental conditions. Therefore an outstanding cost efficiency with future-compliance is guaranteed. Our gateway features 2way2receiver communication which enables you to access the stored data and configuration parameters with an online feeling from any place.

Principal of Operation

The IZAR RDC Premium 2 receives radio telegrams according to EN13757 and the Open Metering System Specification (OMS-S) independent of the measured medium. These are saved on the basis of a filter function (e.g. according to medium or manufacturer).

The collected and processed data are exported fully automatic and secure in flexibly settable intervals or time points to an (S)FTP server, where IZAR@NET or other systems can load the files for further processing. This happens automatically without the need to address each IZAR RDC Premium 2 individually.



PRODUCT CODES

EHM008-R2	IZAR Premium 2 RDC 4G
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KEY FEATURES

- Capacity for up to 50,000 devices
- Extreme extended reception range with **mioty4metering**
- Intelligent telegram filtering
- Highest meter data availability with On-Demand Reading
- Brown-Out Detection with an energy buffer allowing to store last data
- 2way2receiver communication allowing access to gateway from any place
- High On-Board-Security and communication protected against unauthorized access
- LAN and WAN 4G (LTE) for data transmission
- IP 65

Version 1.0__02Jun22

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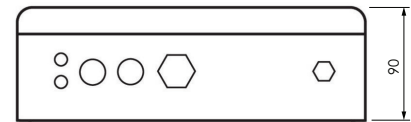
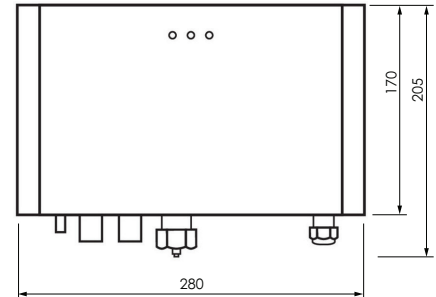
TECHNICAL INFORMATION

GENERAL

Capacity	Up to 50,000 devices with radio
Housing	Light grey housing, lockable
Supported Media	Independent of media
Data Granularity	Individual adjustable (5 minutes - 24 hours)
Range of Reception	Up to 15,000 m outdoors, dependent on used antenna and location

TECHNICAL DATA

Versions	434 MHz (OMS, wMBUS (EN13757), PRIOS, RealData, Long Range Radio (R4))
Interfaces	LAN, 2G, 3G, 4G
Power Supply	110 V...230 V Line voltage and PoE+ (802.3at)
Typical Power Consumption	< 15W (max. 25W)



DIMENSIONS (mm)

AMBIENT CONDITIONS

Operating Temperature	Min -20°C Max 55°C
Storage Temperature	Min -20°C Max 70°C
Protection Class	IP 65 (via mobile radio communication or optional with a LAN connector)
Humidity	10% - 85% (non-condensing)

Enware Australia advises:

1. Due to ongoing Research and Development, specifications may change without notice. 2. Component specifications may change on some export models. 3. Refer to warranty statement for warranty details - www.enware.com.au/warranty

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