

**IOT-GW30-4G-NA**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image, Similar to illustration****Features of IoT-Gateways**

- Enables machine data acquisition and provides access to field devices and PLC's via various protocols and interfaces
- Interfaces to your own IT systems as well as to common cloud systems
- Data traffic reduction through preprocessing on edge via the open IoT standard Node-RED
- Secure and easy remote maintenance with Weidmüller u-link Remote Access Service
- Integration of most common communication interfaces in small design
- Open programming platform Node-RED with strong community support

**General ordering data**

Version	IoT Gateway, Fast Ethernet, IP20, -20 °C...60 °C
Order No.	<a href="#">2682640000</a>
Type	IOT-GW30-4G-NA
GTIN (EAN)	4050118691672
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	105 mm	Depth (inches)	4.134 inch
Height	125 mm	Height (inches)	4.921 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	500 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C
Humidity	5 to 95 % (non-condensing)		

## General data

Shock	according to IEC 60068-2-27
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## Power supply

Connection type	1 removable 6-pin terminal block	Reverse polarity protection	Yes
Voltage supply	24 V DC		

## System data

Memory (Flash)	4 GB	Memory (RAM)	1 GB, DDR3
Processor	Dual Core ARM Cortex A9, 600 MHz	Real-time clock	Capacity buffered (max. 5 days)

## General specifications

Protection degree	IP20
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## Mobile radio interface

Frequency band	Americas: LTE: Band 2 (1900 MHz), Band 4 (AWS) (1700/2100 MHz), Band 5 (850 MHz), Band 13 (700 MHz), Band 17 (700 MHz), Band 25 (1900 MHz G Block); CDMA EVDO Release 0 y EVDO Release A: BC0 (Cellular 800 MHz), BC1 (PCS 1900 MHz), BC10 (Secondary 800 MHz); UMTS: band 1 (2100 MHz); band 2 (1900 MHz); band 4 (AWS 1700/2100 MHz); band 5 (850 MHz); band 8 (900 MHz); GSM/GPRS/EDGE: Quad-Band (850/900/1800/1900 MHz)	Wireless module	LTE (LTE / 4G)
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### VPN

u-link	OpenVPN-based remote access service via the Weidmüller u-link cloud
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### EMC conformity and approvals

EMC standards	EN 61000-6-3, EN 61000-6-2	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6		

### Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	60 °C
Operating temperature, min.	-20 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

### Guarantee

Time interval	2 years
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### Interfaces

Connector for external antennas	2x SMA female	Digital inputs	2x, >10 V high, <3.6 V low; max. 30 V DC
Digital outputs	1x, 19.2 - 28 V high; max. 1 A	Ethernet ports	2
Number of SIM-Card slots	1	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
SIM-Card slot type	Micro-SIM	Serial port	1x RS232/RS485
USB port	1x USB 2.0 (Type A; max. 500 mA)		

### Technical data

Housing main material	Metal	Protection degree	IP20
Speed	Fast Ethernet	Type of mounting	DIN rail

### Classifications

ETIM 6.0	EC001099	ETIM 7.0	EC001099
ETIM 8.0	EC001099	ETIM 9.0	EC001099
ETIM 10.0	EC001099	ECLASS 9.0	19-17-01-00
ECLASS 9.1	19-17-01-00	ECLASS 10.0	19-17-05-90
ECLASS 11.0	19-17-05-90	ECLASS 12.0	19-17-05-90
ECLASS 13.0	19-17-05-90	ECLASS 14.0	19-17-05-90
ECLASS 15.0	19-17-05-90		

### Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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### Approvals

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

### Downloads

Engineering Data	<a href="#">Quick start guide – Quickstartguide IOT-GW30</a> <a href="#">Quick start guide – Modbus - Understanding Coils and Register</a> <a href="#">Quick start guide – IOT-GW30: CANopen communication with PROtop</a> <a href="#">CAD data – STEP</a> <a href="#">Application notes – Ethernet over EtherCAT with Codesys and u-OS</a>
User Documentation	<a href="#">Security Data Sheet u-OS V1.0</a> <a href="#">Application notes – Industrial Product Security Guideline</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>