

## IOT-GW30-4G-NA

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

[www.weidmueller.com](http://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 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

## Dimensions and weights

Depth	105 mm	Depth (inches)	4.1338 inch
Height	125 mm	Height (inches)	4.9212 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)		

## Environmental Product Compliance

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

## Output

Output voltage type	DC
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## General data

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

Reverse polarity protection	Yes	Supply voltage	24 V DC
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## System data

Processor	Dual Core ARM Cortex A9, 600 MHz	Connection type	1 removable 6-pin terminal block
Memory (Flash)	4 GB	Real-time clock	Capacity buffered (max. 5 days)

## Guarantee

Time interval	1 year
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## General specifications

Protection degree	IP20	Colour	black
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## Technical data

### System data

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

### Mobile radio interface

Transmission rate mobile radio	Download rate, max.	50 Mbit/s
	Upload rate, max.	150 Mbit/s
Wireless module	LTE (LTE / 4G)	
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)	

### 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	Vibration	according to IEC 60068-2-6
Shock	according to IEC 60068-2-27		

### Environmental conditions

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

### Guarantee

Time interval	1 year
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### Interfaces

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

### MTBF

MTBF	Input voltage	24 V
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**Technical data**

**Power supply**

Reverse polarity protection	Yes		
Supply voltage	24 V DC		
Connection type	1 removable 6-pin terminal block		
Voltage supply range	Voltage type	DC	
	Voltage, min.	19.2 V	
	Voltage, max.	28 V	
Current consumption	Voltage	24 V	
	Current	1.5 A	
	Voltage type	DC	

**Technical data**

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

**Classifications**

ETIM 8.0	EC001099	ETIM 9.0	EC001099
ETIM 10.0	EC001099	ECLASS 14.0	19-17-05-90
ECLASS 15.0	19-17-05-90		