

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.	2682640000
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
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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Approvals

ROHS	Conform
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Technical data

Downloads

Engineering Data	Quick start guide – Quickstartguide IOT-GW30
	Quick start guide – Modbus - Understanding Coils and Register
	Quick start guide – IOT-GW30: CANopen communication with PROtop
	CAD data – STEP
User Documentation	Online help / Online documentation / Manual
Catalogues	Catalogues in PDF-format