

IOT-GW30-4G-EU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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.	2682630000
Type	IOT-GW30-4G-EU
GTIN (EAN)	4050118691689
Qty.	1 items

IOT-GW30-4G-EU

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Technical data

Approvals

ROHS	Conform
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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 with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	05711a2b-ba3f-4f0d-9bb3-583a06111ef4

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	LTE category	CAT 4
	Download rate, max.	150 Mbit/s
	Upload rate, max.	50 Mbit/s
Wireless module	LTE / HSPA+ multiband wireless module (4G / 3G / 2G) for fast wireless Internet access	
Frequency band	LTE: 2100MHz (B1), 1800MHz (B3), 850MHz (B5), 2600MHz (B7), 900MHz (B8), 800MHz (B20), 2600MHz (B38), 2300MHz (B40), 2600MHz (B41), UMTS/WCDMA: 2100MHz (B1), 850MHz (B5), 900MHz (B8), GSM/GPRS/EDGE: 900MHz (B8), 1800MHz (B3)	

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	0.24 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		