Data sheet

IOT-GW30

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.	2682620000
Type	IOT-GW30
GTIN (EAN)	4050118691696
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	412 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, 7cI
REACH SVHC	Lead 7439-92-1
SCIP	05711a2b-ba3f-4f0d-9bb3-583a06111ef4

Output

Output voltage type	DC

General data

Shock	according to IEC 60068-2-27

Power supply

Reverse polarity protection	Yes	Supply voltage	24 V DC

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

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)

VPN

u-link	OpenVPN-based remote access service via the Weidmüller u-link cloud

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

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
USB port	1x USB 2.0 (Type A; max. 500 mA)	Serial port	1x RS232/RS485

MTBF

MTBF	Input voltage	24 V

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

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Technical data

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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	19-17-04-90
ECLASS 15.0	19-17-04-90		