Base Station with Ethernet/Modbus over TCP/IP (GW-ETH)



- Easy to implement in a Modbus network
- Can read out up to 125 sensors
- Compatible with all Wireless Value sensors
- Plug & play design
- Range can be extended with Wireless Value Range Extenders

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Description

GW-ETH

The Wireless Value GW-ETH collects data from all connected Wireless Value sensors. The data received is forwarded to an endpoint, which can be a local web server or the Wireless Value Online Portal. This Base Station is also extremely well suited for connection to a PLC, since it also supports Modbus over TCP/IP. The Base Station acts as a gateway for up to 125 sensors. Data integrity is ensured by an onboard buffer in case of connection issues.

- HTTPS protocol
- Unique network ID to prevent interference with other wireless systems
- Option for a built-in alarm relay

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Specifications

General

Casing	IP40
Type	Base Station / Gateway
Power supply	8 V – 30 V DC

Measurement range

Operating temperature	0°C to +60°C
Signal range	1,600 metres in clear line of sight

Legislation and standards

RED (Radio Equipment Directive)	yes
CE	yes
EN 300 220	yes

Technical specifications

Alarm relay	2A 30V / 0.5A 100V
Antenna	External
IP rating	IP40
Ethernet	Auto-detect 10/100 Mbps, RJ45
Memory	200,000 values
Interface	Ethernet (Modbus over IP)
Network settings	Can be configured with SensorGraph

Dimensions

Housing dimensions	180 (l) x 130 (w) x 66 (h) mm