Base Station with multi-connectivity (GW-ETH/4G)



- Compatible with all Wireless Value sensors
- Buffer memory prevents data loss and provides a high level of data protection
- Plug & play design
- Range can be extended with Wireless Value Range Extenders

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Description

GW-ETH/4G Base Station

The Wireless Value Base Station seamlessly collects data from Wireless Value devices and securely transfers it to your preferred monitoring and management systems.

Reliable connectivity without compromise
The Wireless Value Base Station is designed to integrate effortlessly into existing infrastructures by supporting multiple communication options.

Ethernet connectivity
For installations with a fixed network infrastructure, the Base Station offers a high-speed Ethernet connection, providing stable, secure and continuous communication with your local network and the Wireless Value Portal.

Integrated 4G communication
Where wired infrastructure is unavailable or impractical, the integrated 4G connection provides independent and reliable communication.
This enables rapid deployment anywhere without the need for network cabling, making it ideal for temporary installations, remote locations or places with limited network access.
Benefits include:
• Fast installation
• Independent internet connection

• Continuous remote monitoring
• Reliable communication across multiple locations

Connect it to your own system

The Wireless Value Base Station does more than just collect sensor data.
Thanks to its integrated Modbus interface, it can communicate directly with external automation systems.
This makes measurement data an integral part of your existing control environment, without complex integration projects.
Typical applications include:

• Climate computer integration
• Irrigation control
• Third-party automation systems
• Building management systems (BMS)
• PLC communication

One ecosystem, complete insight

The Base Station forms the central communication hub within the Wireless Value ecosystem. It continuously collects data from connected Wireless Value sensors and transmits it securely to the Wireless Value Portal, where users get instant access to real-time measurements, historical trends and comprehensive reporting.
This creates a complete digital workflow from sensor to dashboard, enabling you to make well-informed decisions based on accurate, continuously available data.

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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

4G connection	Programmable APN, user and password
Antenna	External
IP rating	IP40
Memory	200,000 measurements
Interface	4G and/or Ethernet
Network size	Up to 125 sensors

Dimensions

Dimensions	130 (l) x 180 (w) x 66 (h) mm, excluding antenna
Weight	0.55 kg