



BROCHURE:

# Ser[LOG] Data Logger System



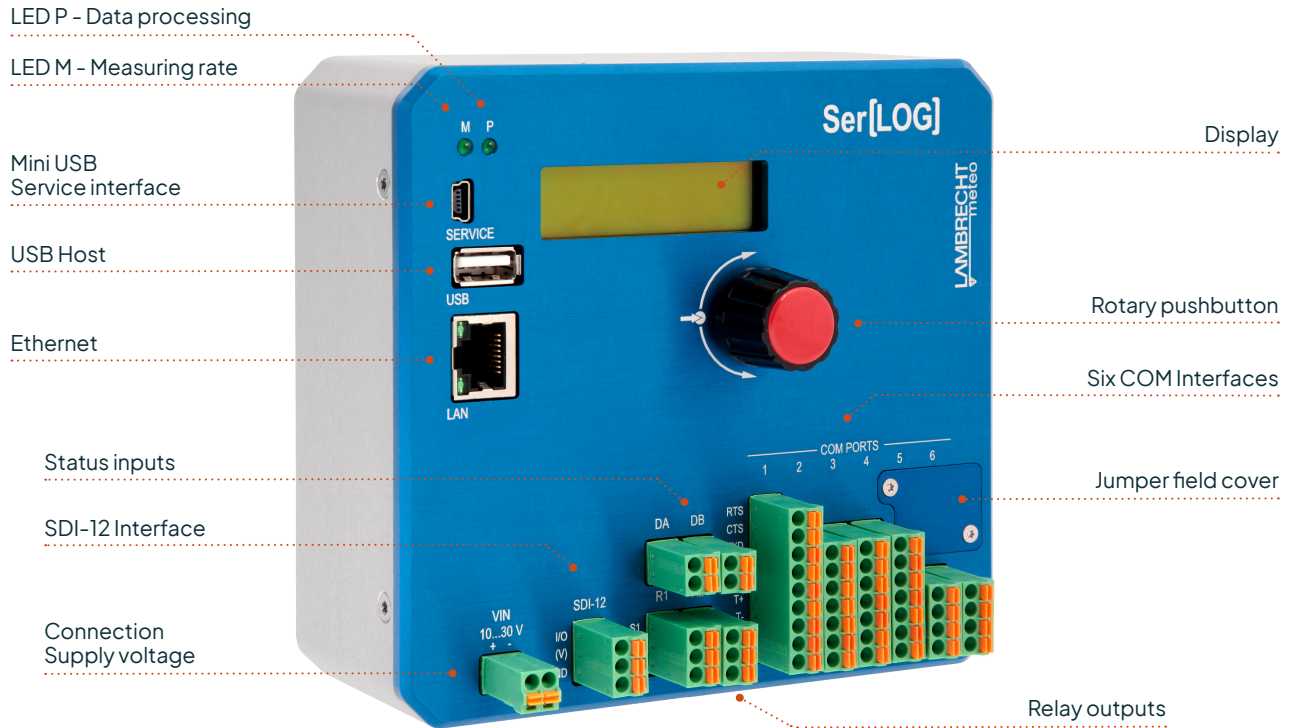
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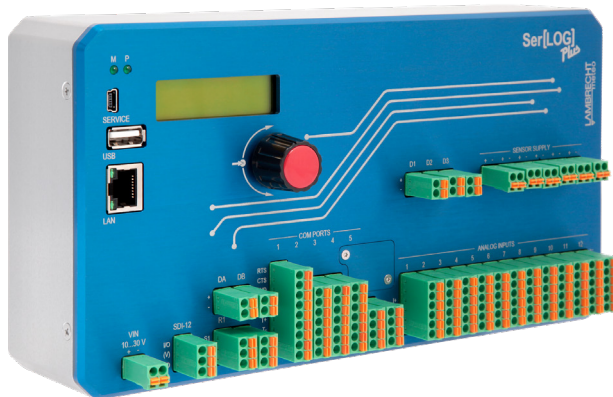
# The professional data loggers in detail

# The professional data loggers in detail

Ser[LOG] is the scalable communications platform for professional meteorological data acquisition and data processing.



The Ser[LOG] *Plus* consists of a Ser[LOG] and an analog/digital module in one housing. Operating elements, interfaces and labeling are largely identical.



**Discover the benefits of the Ser[LOG] data loggers:**

- Large sensor library, freely configurable and scalable
- User-friendly with free access to all connections and controls
- Very versatile with many configuration options
- Interference resistant through shielded aluminum housing

Ser[LOG]:  
The powerful data logger

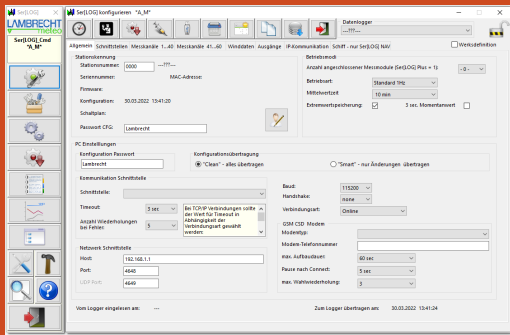




# Ser[LOG]: The powerful data logger

The Ser[LOG] collects your weather data (wind, precipitation, air temperature, relative humidity, air pressure and radiation) in a single place and provides real-time visualization. The Ser[LOG] Commander app gives you maximum freedom to customize your measurement tasks.

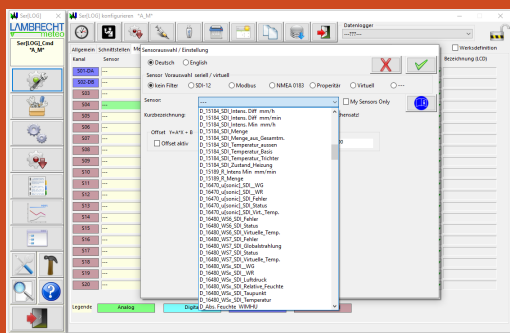
## Ser[LOG] COMMANDER APP:



The advanced tool for easy configuration of your Ser[LOG] data logger

### Overview:

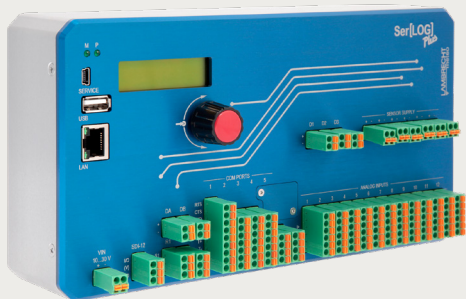
- Collect and process up to 60 measured values with Modbus RTU
- Up to 32 Modbus TCP connections with sensors from other manufacturers
- Alarm system for 10 warning channels using built-in and external relays (e-mail, SMS)



Extensive sensor library with predefined sensors, easily expandable with sensors from other manufacturers too

ID 00.95770.000000	Ser[LOG] Data Logger
Resolution:	16-bit ADC with up to 1024 times oversampling; processing in 8-byte IEEE real format
Signal input:	COM5 also as SDI12; 2 status inputs
Output:	2 potential-free, configurable relays; expandable up to 10 relays with a maximum of 8 Modbus relays
Interface:	5 x RS 485; 6 x RS 422; 4 x RS 232; USB Device; USB Host; Ethernet
Operating conditions:	-30...+70 °C; 5...95 % r. h. (non condensing)
Supply voltage:	10...30 VDC
Current consumption:	From 34 mA (12 V) up to 200 mA (12 V) - configuration-dependent
Storage capacity:	1 year in ring memory (8-Byte IEEE real format) configuration-independent
Ethernet:	100 MBit; connector RJ45
Dimensions/ Weight:	135 x 135 x 72 mm / approx. 0.9 kg
EMC standards/ Electrical safety:	IEC 60945; RS422 and RS485 up to 2.5 kV isolated; all interfaces with 15 kV ESD protection
Included in delivery:	USB cable, Ser[LOG] Commander management app

Ser[LOG] Plus:  
One for all



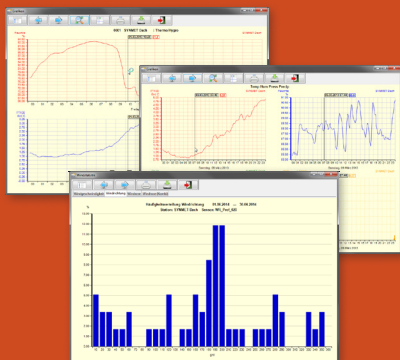
# Ser[LOG] Plus: One for all

Ser[LOG] Plus is the most versatile data logger. Due to its convertibility through configuration and scaling, you can easily adapt the Ser[LOG] Plus to the specific challenges of your daily measurement tasks.

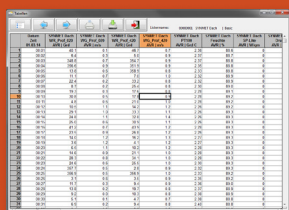
## FUNCTIONS METEOWARE CS \*:



Customization of the current value display with Meteoware Designer



Selectable evaluation definitions, evaluation period, graphic types



Tabular evaluations with numerous options

## OVERVIEW SER[LOG] PLUS:

- Handles up to 60 parameters
- Many state-of-the-art communication interfaces
- Extensive sensor library, can be freely configured and scaled by the user
- Formula collection and free formula parser
- Alarm system for 10 warning channels using built-in and external relays
- Wide range of options for exchanging information
- Interference-proof due to shielded aluminum housing
- User-friendly with free access to all terminals and controls

ID 00.95770.100000	Ser[LOG] Plus Data Logger
Resolution:	16-bit ADC with up to 1024 times oversampling; processing in 8-byte IEEE real format
Signal input:	SDI-12; 12 analog/ 5 digital inputs; expandable up to: 36 analog/11 digital inputs
Output:	2 potential-free, programmable relays, expandable up to 10 relays via Modbus
Interface:	4 x RS 485, 5 x RS 422, 4 x RS 232, USB Device, USB Host, Ethernet
Operating conditions:	-30...+70 °C; 5...95 % r. h. (non condensing)
Supply voltage:	10...30 VDC
Current consumption:	From 133 mA (12 V) up to 350 mA (12 V) - configuration-dependent
Storage capacity:	1 year in ring memory (8-Byte IEEE real format) configuration-independent
Ethernet:	100 MBit; connector RJ45
Dimensions / Weight:	1125 x 238 x 72 mm / approx. 1.3 kg
EMC standards / Electrical safety:	IEC 60945; RS422 and RS485 up to 2.5 kV isolated all interfaces with 15 kV ESD protection
Included in delivery:	USB cable, Ser[LOG] Commander management app





# FTS360: Complete software solution

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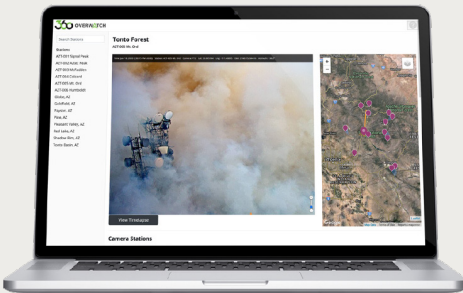
For users who want to setup, configure, and manage their own platform

Extreme weather events continue to increase in frequency, intensity, and duration. Protecting lives, property and business continuity requires real-time situational awareness along the entire event lifecycle, from prevention and preparedness, to detection and response, to rehabilitation and recovery.

## CURATED DATA, REPORTS, AND ALERTS

FTS360 is a secure and reliable cloud based IoT platform that allow users to view and curate sensor and station data, camera images and video. It provides a customizable, agile programming environment for advanced calculations, intelligent alerting, and full configuration capabilities.

### OVERVIEW:



Designed for emergency response, shared resources, and public awareness.

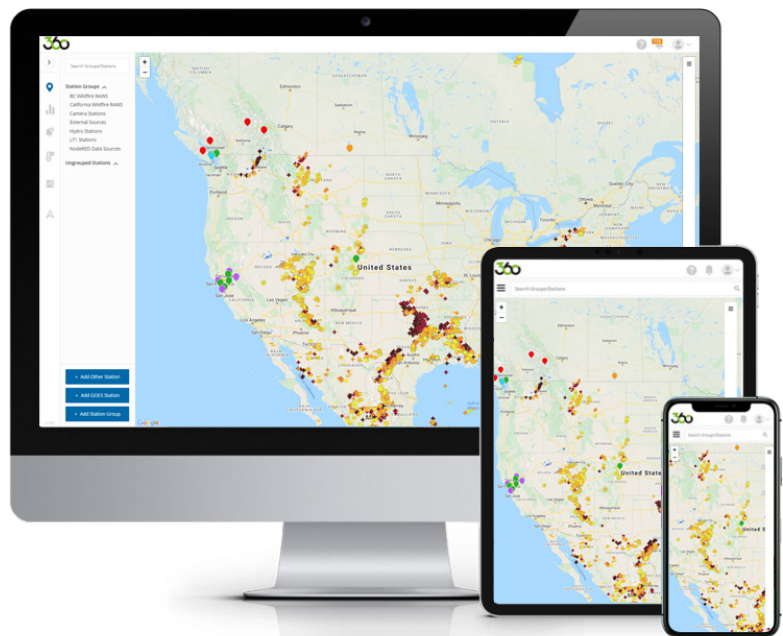
FTS360 customers can enable public viewing of their data.

### Security and privacy

Edge to cloud data security protects your data and privacy.

Devices and users have encrypted login credentials.

GDPR compliant, no personal user data is collected.



Unlimited range of  
applications

# Unlimited range of applications



## HEALTH RESORTS, ENVIRONMENTAL, AND AGRICULTURAL NETWORKS

Monitoring of the weather conditions in the places that really matter.



## METEOROLOGY, UNIVERSITIES, AUTHORITIES

Easy setup: Collect and acquire your data and insights in no time.



## INDUSTRY AND AIR TRAFFIC CONTROL

Transfer meteorological data to your system and device in seconds.

## Ser[LOG] stands for data acquisition and processing with minimal effort

Accurate data acquisition is the starting point of any weather monitoring solution. With our data loggers and sensors, you get precise and reliable readings under any condition. The flexible Ser[LOG] data loggers offer a wide range of customizable configurations and state-of-the-art communication interfaces for all your measurement tasks and requirements. Existing sensors, including those from other manufacturers, can be easily added and used with the included sensor library. The Ser[LOG] data loggers are ideal for setting up even large weather measurement networks.

The Lambrecht **MeteoWare CS** app provides support for the acquisition, provision, analysis, visualization and archiving of large data volumes.



### WHY AEM?

Lambrecht meteo, an AEM brand, develops and manufactures world-class meteorological sensors and measurement solutions for wind, precipitation, pressure, temperature, and humidity serving various classical meteorological and highly specific environmental and industrial end-markets. Our highest goal is to deliver state-of-the-art sensors and customer-friendly complete measurement solutions including data acquisition, maintenance, and service. With our products and the portfolio of the AEM family of innovative brands, we aim to be a globally established brand and to provide a wide range of meteorological applications with flexible and high-quality solutions for our customers' weather measurement tasks.

# Overview: Serial sensors

# Overview: Serial sensors

## MAXIMUM FLEXIBILITY

You can craft your individual Ser[LOG] solution from a wide array of available sensors to achieve the correct parameters. This includes heated and unheated sensors. You can use the overview below to help you find the right sensors for your application.



**Combined Ultrasonic Wind Sensor u[sonic]**  
ID 00.16470.000000

**Measuring range:** Wind direction: 0...359.9° • Wind speed: 0...75 m/s  
**Range of application:** -40...+70 °C (with heating -50...+70 °C) • 0...100 % r. h.  
**Accuracy:**  
 Wind direction: < 2° (> 1 m/s) RMSE  
 Wind speed: 0.2 m/s RMSE (v < 10 m/s) • 2 % RMSE (10 m/s < v < 65 m/s)



**Combined Ultrasonic Weather Sensor u[sonic]WS6**  
ID 00.16480.000000

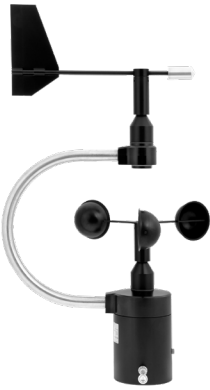
**Measuring range:** Wind direction: 0...359.9° • Wind speed: 0...65 m/s  
**Range of application:** -40...+70 °C (with heating -50...+70 °C) • 0...100 % r. h.  
**Accuracy:**  
 Wind direction: < 2° (> 1 m/s) RMSE  
 Wind speed: 0.2 m/s RMSE (v < 10 m/s) • 2 % RMSE (10 m/s < v < 65 m/s)  
 Air temperature: 0.1K (0...60 °C) • 0.2K (-40...0 °C)  
 Relative humidity: typically 1.5 % (0...80 %) r. h • 2 % (>80 %) r. h.  
 Air pressure: 0.5 mbar



**Combined Ultrasonic Weather Sensor u[sonic]WS7**  
ID 00.16480.001000

**Measuring range:** Wind direction: 0...359.9° • Wind speed: 0...65 m/s  
**Range of application:** -40...+70 °C (with heating -50...+70 °C) • 0...100 % r. h.  
**Accuracy:**  
 Wind direction: < 2° (> 1 m/s) RMSE  
 Wind speed: 0.2 m/s RMSE (v < 10 m/s) • 2 % RMSE (10 m/s < v < 65 m/s)  
 Air temperature: 0.1K (0...60 °C) • 0.2K (-40...0 °C)  
 Relative humidity: typically 1.5 % (0...80 %) r. h • 2 % (>80 %) r. h.  
 Air pressure: 0.5 mbar  
 Global radiation: 0.2 W/m<sup>2</sup>





**Combined Wind Sensor ARCO-SERIAL**  
ID 00.14581.010010

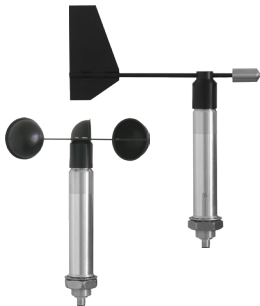
**Measuring range:**

Wind direction: 0...360°  
Wind speed: 0.3 ... 75 m/s

**Range of application:** -30...+70 °C (heated · under non-icing conditions) ·  
0...80 m/s · 0...100 % r. h.

**Accuracy:**

Wind direction: 1°  
Wind speed: 2 % FS at 0.3 ... 50 m/s



**Wind Sensor PRO-WEA**

ID 00.14523.130040 Wind direction · 00.14524.100040 Wind speed

**Measuring range:**

Wind direction: 0...360°  
Wind speed: 0.5...60 m/s

**Range of application:** -40...+70 °C heated · Maximum gusts 100 m/s · 0...100 % r. h.

**Accuracy:**

Wind direction: 2°  
Wind speed: 0.3 m/s ≤ 10 m/s · 0.5 m/s...60 m/s



**Weighing Precipitation Sensor rain[e]**

ID 00.15184.000000 unheated · 00.15184.400000 heated

**Measuring range:** 0...20 mm/min resp. 0...1200 mm/h

**Range of application:** 0...+70 °C (unheated) · -40...+70 °C (heated · no icing, no snow drifting)

**Accuracy:** 0.1 mm or 1 % at < 6 mm/min and 2 % at ≥ 6 mm/min



**Weighing Precipitation Sensor rain[e]H3**

ID 00.15184.540020

**Measuring range:** 0...20 mm/min resp. 0...1200 mm/h

**Range of application:** -40...+70 °C (heated · no icing, no snow drifting)

**Accuracy:** 0.1 mm or 1 % at < 6 mm/min and 2 % at ≥ 6 mm/min





**Air Pressure Sensor 8126 X81**  
ID 00.08126.481002

**Measuring range:** 35...2000 hPa  
**Range of application:** -45...+85 °C during operation  
**Accuracy:** 0.0144 % FS



**Combined Sensor THP[pro]**  
ID 00.08095.100000

**Measuring range:** Temperature: -40...+70 °C • Relative humidity: 0...100 % r. h.  
**Accuracy:**  
Temperature: 0.1 K (0...60 °C) • 0.2 K (-40...0 °C)  
Relative humidity: typically 1.5 % (0...80 %) r. h. • 2 % (>80 %) r. h.  
Barometric pressure: 2 hPa (-30...+70 °C) • 1 hPa (-10...+60 °C)



**Pyranometer 16103, 'Second class'**  
ID 00.16103.501060

**Measuring range:** 0...1600 W/m<sup>2</sup>  
**Range of application:** -40...+80 °C  
**ISO Classification:** Second class  
**WMO Performance Level:** Moderate quality



**Pyranometer 16131.5, 'First class'**  
ID 00.16131.501040

**Measuring range:** 0...3000 W/m<sup>2</sup>  
**Range of application:** -40...+80 °C  
**ISO Classification:** First class  
**WMO Performance Level:** Good quality



**Pyranometer 16130.5, 'Secondary standard'**  
ID 00.16130.501030

**Measuring range:** 0...3000 W/m<sup>2</sup>  
**Range of application:** -40...+80 °C  
**ISO Classification:** Secondary standard  
**WMO Performance Level:** High quality



# Overview: Analog sensors

# Overview: Analog sensors

## INTEGRATE THE STANDARD ANALOG OUTPUT SIGNALS

In analog measured value transmission, the current signal 4 ... 20 mA is the most frequently used signal. This signal's prevalence is due to its ease of use and immunity to interference. The Ser[LOG] Plus has an integrated analog-digital converter, so you can easily integrate your existing conventional analog sensors.



### Wind Sensors INDUSTRY (incl. cable)

ID 00.14567.100180 Wind direction • 00.14577.100180 Wind speed

#### Measuring range:

Wind direction: 0...360°

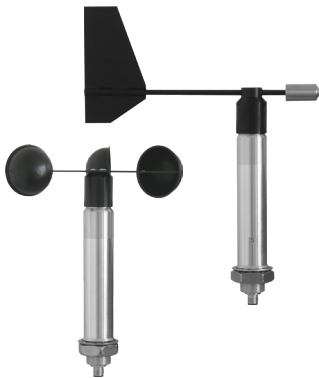
Wind speed: 0.7...50 m/s

**Range of application:** -30...+70 °C (heated) • 0...60 m/s

#### Accuracy:

Wind direction: 2°

Wind speed: < 2 % FS



### Wind Sensors PRO-WEA (incl. cable)

ID 00.14523.130040 Wind direction • ID 00.14524.100040 Wind speed

#### Measuring range:

Wind direction: 0...360°

Wind speed: 0.5...60 m/s

**Range of application:** -40...+70 °C heated • Maximum gusts 100 m/s • 0...100 % r. h.

#### Accuracy:

Wind direction: 2°

Wind speed: 0.3 m/s ≤ 10 m/s • 0.5 m/s...60 m/s



### Precipitation Sensor 15189

ID 00.15189.002000 • 2 cm<sup>3</sup>-Volume of tipping bucket, unheated

ID 00.15189.402000 • 2 cm<sup>3</sup>-Volume of tipping bucket, heated

ID 00.15189.004000 • 4 cm<sup>3</sup>-Volume of tipping bucket, unheated

ID 00.15189.404000 • 4 cm<sup>3</sup>-Volume of tipping bucket, heated

**Measuring range:** 2 cm<sup>3</sup>: 0...8 mm/min • 4 cm<sup>3</sup>: 0...16 mm/min

#### Range of application:

0...+70 °C measuring (unheated, frost-proof down to -20 °C)

-20...+70 °C (heated, no icing, no snowdrift)

**Accuracy:** 2 % with intensity compensation





**Temperature Humidity Sensor 8093.11 (incl. cable)**  
ID 00.08093.110000

**Measuring range:**

Temperature: -40...+60 °C · Relative humidity: 0...100 % r. h.

**Range of application:** Temperature: -40...+80 °C · Relative Humidity: 0...100 % r. h.

**Accuracy:**

Temperature: 0.2 °C at -27...+70 °C · Plus: 0.007 °C/°C at: < +10 °C · > +40 °C

Relative humidity: 2 % r. h. at: 5...95 % r. h. · +10...+40 °C

Plus: < 0.1 % r. h./°C at: < +10 °C · > +40 °C



**Air Pressure Sensor 8121 (incl. cable)**  
ID 00.08121.100002

**Measuring range:** 600...1100 hPa · switchable to 800...1100 hPa

**Range of application:** Altitudes 0...4000 m · Temperatures -20...+70 °C · Humidity 0...99 % r. h.

**Accuracy:** 1 hPa within the range of -10...+60 °C · < 2 hPa within the range of -20...-10 °C



**Pyranometer 16106 (incl. cable)**  
ID 00.16106.000080

**Measuring range:** 0...1400 W/m<sup>2</sup>

**Range of application:** -40...+60 °C

**Cosine error:** < 10 % @ 80°



**Pyranometer 16103, 'Second class'**  
ID 00.16103.500060

**Measuring range:** 0...1600 W/m<sup>2</sup>

**Range of application:** -40...+80 °C

**Calibration uncertainty:** < 1.8 % (k = 2)



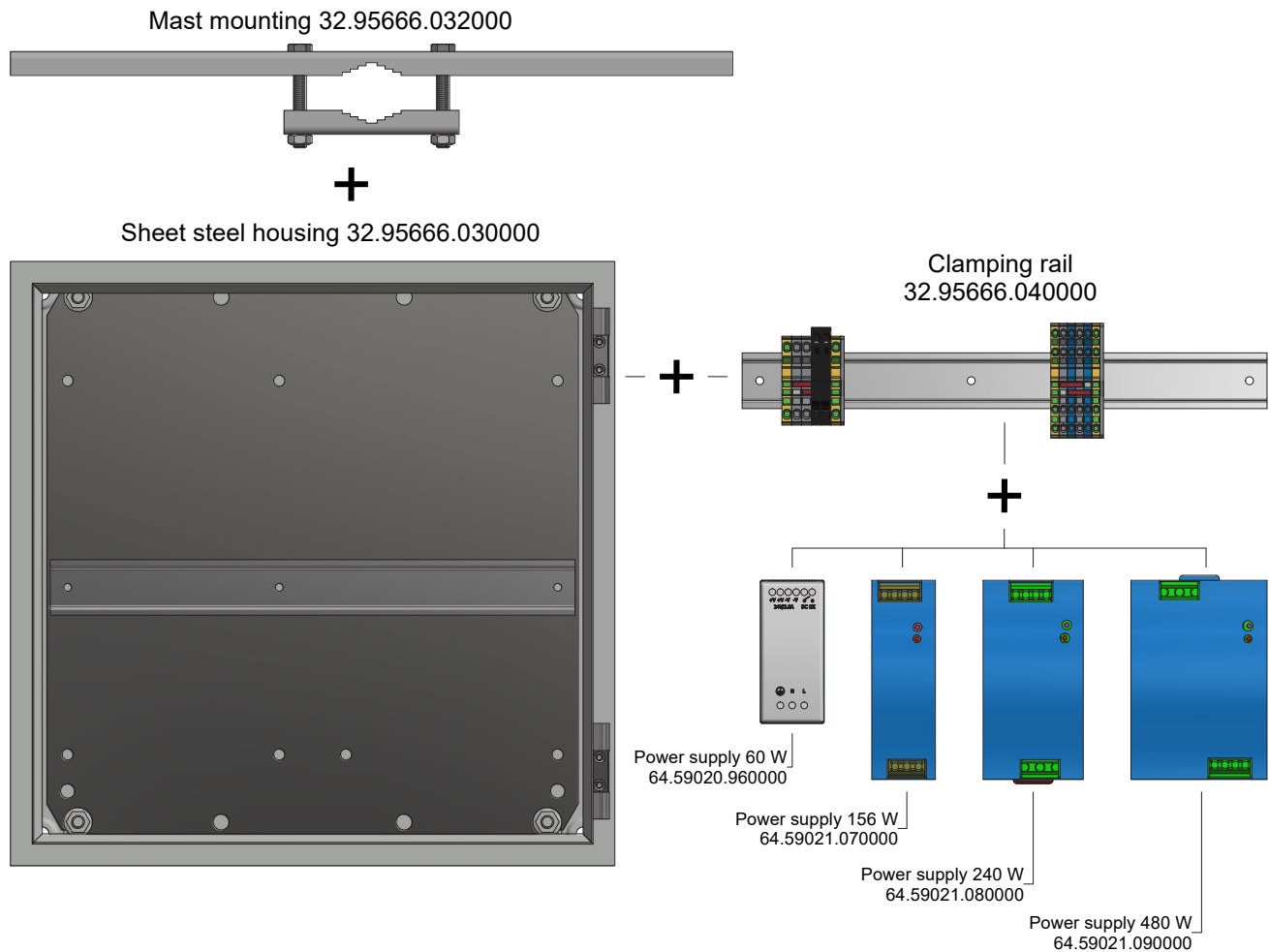
Ser[LOG]  
housing components



# Ser[LOG] housing components

## EVERYTHING FROM A SINGLE SOURCE

At Lambrecht meteo you get all hardware and software products from one source. This ensures that all components are perfectly matched to each other. Our products are quality-tested, reliable, and universally applicable with an excellent price-performance ratio.



Calculate the total  
power requirement

# Calculate the total power requirement

Here you can calculate the total power requirements of your sensors and data loggers and identify the right power supply. You will find the different power supplies with 60, 150, 240 or 480 watts in the accessories list.

Parameter	Description	ID	Power demand in Watt
<b>Data Logger and Software</b>			
	<b>Ser[LOG]</b> · Data Logger	<b>00.95770.000000</b>	0.5
	<b>Ser[LOG] Plus</b> · Data Logger	<b>00.95770.100000</b>	4.2
	<b>Meteoware CS Basis</b> · Software	<b>36.09340.000000</b>	0.0
<b>Single and Combined Sensors</b>			
W	u[sonic] · Combined Ultrasonic Wind Sensor	00.16470.000000	62.0
WTHP	u[sonic]WS6 · Combined Weather Sensor	00.16480.000000	62.0
WTHPG	u[sonic]WS7 Modbus · Combined Weather Sensor	00.16480.001000	62.0
W	ARCO-SERIAL · Combined Wind Sensor	00.14581.010010	18.5
W	PRO-WEA · Wind Direction Sensor	00.14523.130040	19.2
W	PRO-WEA · Wind Speed Sensor	00.14524.100040	19.2
R	rain[e] · Weighing Precipitation Sensor, unheated	00.15184.000000	1.0
R	rain[e] · Weighing Precipitation Sensor, heated	00.15184.400000	141.0
R	rain[e]H3 · Weighing Precipitation Sensor, heated	00.15184.540020	201.8
P	8126 X81 · Air Pressure Sensor	00.08126.481002	0.8
THP	THP[pro] · Temperature/Humidity/Air Pressure Sensor	00.08095.100000	0.1
G	16103 · Pyranometer 'Second class'	00.16103.501060	0.1
G	16131.5 · Pyranometer 'First class'	00.16131.501030	0.1
G	16130.5 · Pyranometer 'Secondary standard'	00.16130.501030	2.3
			<b>Total Power Consumption = (Power <math>\leq</math>)</b>

#### Legend:

W	Wind	P	Air pressure
T	Air temperature	R	Precipitation
H	Relative humidity	G	Global radiation



Parameter	Description	ID	Power demand in Watt
<b>Datalogger and Software</b>			
	<b>Ser[LOG]</b> · Data Logger	<b>00.95770.000000</b>	< 1.0
	<b>Ser[LOG] Plus</b> · Data Logger	<b>00.95770.100000</b>	4.2
	<b>Meteoware CS Basis</b> · Software	<b>36.09340.000000</b>	0.0
<b>Single and Combined Sensors</b>			
W	INDUSTRY · Wind Direction Sensor	00.14567.100180	18.0
W	INDUSTRY · Wind Speed Sensor	00.14577.100180	18.0
W	PRO-WEA · Wind Direction Sensor	00.14523.130080	18.0
W	PRO-WEA · Wind Speed Sensor	00.14524.100080	18.0
R	15189 · Precipitation Sensor 2 cm <sup>3</sup> , unheated	00.15189.002000	< 1.0
R	15189 · Precipitation Sensor 2 cm <sup>3</sup> , heated	00.15189.402000	150.0
R	15189 · Precipitation Sensor 4 cm <sup>3</sup> , unheated	00.15189.004000	< 1.0
R	15189 · Precipitation Sensor 4 cm <sup>3</sup> , heated	00.15189.404000	150.0
TH	8093.11 · Temperature/Humidity Sensor	00.08093.101000	< 1.0
P	8121 · Air Pressure Sensor	00.08121.100002	< 1.0
G	16106 · Pyranometer	00.16106.000080	< 1.0
G	16103 · Pyranometer 'Second class'	00.16103.500060	< 1.0
			<b>Total Power Consumption = (Power ≤)</b>

**Legend:**


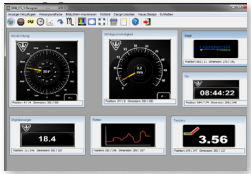

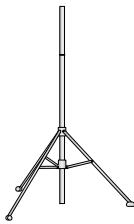
W	Wind	P	Air pressure
T	Air temperature	R	Precipitation
H	Relative humidity	G	Global radiation




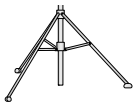


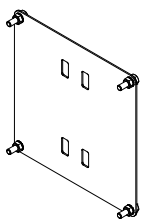


# Accessories for the Ser[LOG] system

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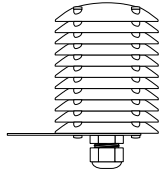

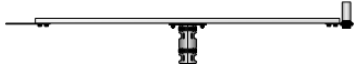

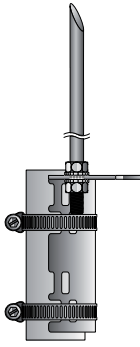
In this overview you will find all the accessories you need to complete and optimize your individual Ser[LOG] system. If the accessory you need is not listed, please contact our sales team at [info@lambrecht.net](mailto:info@lambrecht.net) or **+49 551 4958-0**.

Description	ID	Figure
<b>Power Supply</b>		
Power supply 60 W, with housing	00.14966.300000	
Power supply 150 W, with housing	00.14966.200000	without figure
Power supply 240 W, with housing	00.14966.500000	without figure
Power supply 480 W, with housing	00.14966.600000	without figure
<b>Communication and Software</b>		
MeteoWare CS - Standard	36.09340.000000	
MeteoWare CS - Network	36.09340.100000	
MeteoWare CS - Network plus	36.09340.110000	
MeteoWare CS - Station plus	36.09340.200000	
<b>Cable</b>		
Cable for u[sonic], 10 m	32.16461.060000	
Cable for EOLOS, WENTO (signal + supply), 10 m	32.16420.066100	
Cable for ARCO (signal + supply), 10 m	32.14581.060000	
Cable for rain[e] (signal + supply), 10 m	32.15184.060000	
Additional cable for rain[e] heated, 1 m	32.15184.061000	
Cable for 15189 (signal), 7 m	32.15188.060090	
Additional cable for 15189 heated, 1 m	32.15188.061020	
Cable for sensor THP, Modbus sensors, 15 m	32.14567.060010	
<b>Installation</b>		
Aluminium tripod mast ( three-legged), 2.5 m Transport length: 1.45 m - Useable length: 2.50 m Tube-Ø: 55/50 mm (Peak Ø: 50 mm) - Tube wall thickness: 2 mm Accessories included: · 3 Ground spikes · Fastening material for housing 380 x 380 mm · Weight: approx. 7 kg	00.14627.000000	



Aluminum telescopic mast, 3 m Tube-Ø: 50 mm	00.14627.030000	without figure
Wall bracket set, 150 mm, for 3 m aluminum telescopic mast	32.14627.030100	
3-leg tripod base for 3 m aluminum telescopic mast	32.14627.030200	
750 mm outrigger for precipitation sensor, for 3 m aluminum telescopic mast, Ø 60 mm	32.14627.030300	
Stainless steel mast (earth foundation) for separate installation of precipitation sensors 15189 and rain[e]. Tube-Ø: 60 mm Length: 1200 mm	00.15180.400000	
Mast mount for power supply	32.14966.030000	
Weatherproof sheet steel housing, suitable for installation of the Ser[LOG] series as well as power supply and communication unit. Dimensions: 380 x 380 x 210 mm	32.95666.030000	
Mast mount for steel plate housing	32.95666.032000	without figure
Sensor shelter, weather and radiation protection with natural ventilation Temperature operating range: -40...+70 °C Number of lamellas: 11 pieces Dimensions: Ø = 120 mm Height = 300 mm (incl. mount) For mast diameter: 25...50 mm Weight: 950 g Included in delivery: Screw fitting for sensor Ø 14...21 mm	00.08141.600000	



<p>Sensor shelter, weather and radiation protection with natural ventilation</p> <p>Temperature operating range: -40...+70 °C</p> <p>Number of lamellas: 15 pieces</p> <p>Dimensions: Ø = 150 mm Height = 395 mm (incl. mount)</p> <p>For mast diameter: 25...50 mm</p> <p>Weight: 1,400 g</p> <p>Included in delivery: Screw fitting for sensor Ø14...21 mm</p>	00.08141.600004	
<p>Weather and radiation protection 8141.6 TS for traverse system</p>	00.08141.610000	
<p>Set Wind traverse consisting of:</p> <ul style="list-style-type: none"> <li>· 1x 33.14627.001010 Traverse 750 mm</li> <li>· 1x 32.14627.007000 Set Cover caps</li> <li>· 2x 32.14627.002000 Set sensor mount, round D30</li> <li>· 1x 32.14627.001000 Set Mast mount</li> </ul>	32.14627.010000	
<p>Set Traverse for pyranometer and TH consisting of:</p> <ul style="list-style-type: none"> <li>· 1x 33.14627.001000 Set Traverse 1000 mm</li> <li>· 1x 32.14627.007000 Set Cover caps</li> <li>· 1x 32.14627.002000 Set Sensor mount, round D30</li> <li>· 1x 32.14627.003000 Set Sensor mount, big</li> <li>· 1x 32.14627.004010 Set Fastening spigot 100 mm</li> <li>· 1x 32.14627.001000 Set Mast mount</li> </ul>	32.14627.011000	
<p>Set Traverse for pyranometer and sensor shelter consisting of:</p> <ul style="list-style-type: none"> <li>· 1x 33.14627.001000 Set Traverse 1000 mm</li> <li>· 1x 32.14627.007000 Set Cover caps</li> <li>· 1x 32.14627.003000 Set Sensor mount, big</li> <li>· 1x 32.14627.001000 Set Mast mount</li> </ul>	32.14627.011010	
<b>Other accessories</b>		
<p>Lightning rod</p>	32.14565.019000	
<p>WiFi Router</p>	00.90251.000000	without figure
<p>Ground terminal block 4 x 3</p>	32.14966.015000	without figure
<p>Bracket for mast (for wind sensors INDUSTRY and PRO-WEA)</p>	32.14627.001010	without figure
<p>Micro SD card 8 GB (-25...+85 °C), industrial standard</p>	32.95800.010000	without figure
<p>Wall mount bracket THP (indoor)</p>	32.14629.010000	without figure



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