

# PLEASE READ CAREFULLY

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# THE NEW EYES4-EU

## WIRELESS COMMUNICATION MODULE



### SMART AND FLEXIBLE

Full online monitoring and remote updates provide effortless control.



### SIMPLE AND EFFICIENT

Effortless plug-and-play setup.



### SAFE AND RELIABLE

Ensures fast and accurate real-time data uploads with reliable 4G monitoring for seamless inverter performance.

# TIMETABLE FOR EYES4-EU



# PLANNED AVAILABILITY



**PLANNED AVAILABILITY IN 2025**



# MORE HARD FACTS

Type designation	EyeS4-EU
<b>Basic data</b>	
Supported inverter number	1
LED display	LED * 3
<b>Communication</b>	
SIM Card *	Micro-Sim ( 15 mm * 12 mm )
Operation band / Frequency	LTE FDD: B1 / B3 / B7 / B8 / B20 / B28 LTE TDD: B38 / B40 / B41 GSM: B3 / B8
WLAN ( Only AP Mode )	2.4 GHz, 802.11 b/g/n
<b>Power supply</b>	
DC input	DC5.0 ± 0.25 V
Power consumption	Typ. 5W, Max. 10W
<b>Ambient conditions</b>	
Operating temperature	-30 °C - 60 °C
Allowable relative humidity range	0 % - 95 %, non-condensing
Max. operating altitude	4000 m
Protection class	IP66
<b>Mechanical parameters</b>	
Dimensions ( W*H*D )	48 mm * 132 mm * 36 mm
Weight	56 g
Installation	Plug and play
<b>Standard compliance</b>	
EMC and Radio	CE, UKCA
<b>Compatible inverters</b>	
Compatible inverters	SG2.0~3.0RS-S, SG3.0~6.0RS, SH3.0~6.0RS SG3.0~20RT, SG3.0~20RT-P2 SH5.0~10RT, SH5.0~10RT-20, SH5.0~12T, SH15~25T SG33~50CX, SG30CX, SG110CX, SG25~50CX-P2, SG125CX-P2

\* Please refer to the user manual for further instructions and information on compatible SIM card providers



# FREQUENTLY ASKED QUESTIONS

1

## **Can I use any SIM card with the EyeS4-EU?**

The EyeS4-EU supports Micro SIM cards (12 mm × 15 mm) that operate within the following frequency bands:

- a. LTE FDD: B1 / B3 / B7 / B8 / B20 / B28
- b. LTE TDD: B38 / B40 / B41
- c. GSM: B3 / B8

The device has been successfully tested with major European providers, including Vodafone, Telekom, O2, KPN, Telness, Telia, and Orange F.

2

## **What should I do if the 4G connection doesn't work after inserting the SIM card?**

Verify that the SIM card is correctly inserted and that it has an active data plan.

Ensure SIM PIN protection is disabled before inserting the SIM card. This can be done by using a smartphone or another compatible device.

Check and configure the APN settings via the EyeS4-EU's web interface. The correct settings can be obtained from your mobile network provider.

3

## **What happens if I exceed my data plan's monthly limit?**

Exceeding your data limit may result in additional charges or reduced speeds, depending on your provider. To avoid unexpected costs, select a data plan that meets your expected usage. You can find the required data volumes in the Quick Installation Guide of the EyeS4-EU.

4

## **Can I use the EyeS4-EU in multiple inverter installations?**

Yes, you can use one EyeS4-EU per inverter in multiple inverter installations. However, please note that power control (feed-in limitation) is not possible in multi-inverter setups using EyeS4-EU. For multi-inverter installations requiring power control, we recommend using Logger1000A-EU or COM100D-EU (if compatible with the inverter in question).

5

## **Can I use the EyeS4-EU without a 4G connection?**

Yes, the EyeS4-EU also supports WLAN (Wi-Fi) connection in addition to 4G. You can choose the most convenient communication method based on your setup.

6

## **How can I check the SIM card's data usage?**

The EyeS4-EU does not track data usage directly. You must monitor your data usage through your mobile network provider's platform.

7

## **Is the EyeS4-EU compatible with the SP600S optimizers?**

Yes, the EyeS4-EU is going to be compatible with the SP600S optimizers.

8

## **What inverters are compatible with the EyeS4-EU?**

Currently, the following inverter models are compatible with the EyeS4-EU:  
SG3.0-10.0RS // SG3.0-20RT // SH5.0-10RT // SH5.0-10RT-20 //  
SH5.0-25T // SG33-110CX // SG25-125CX-P2

