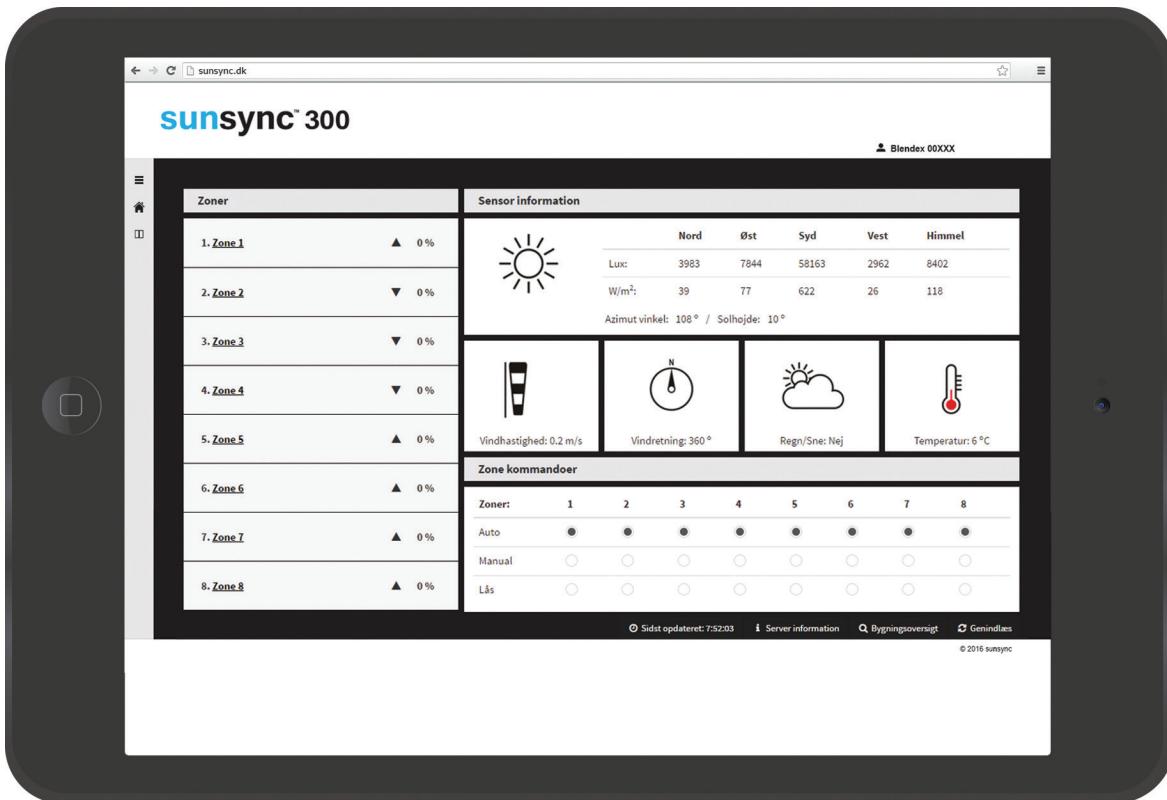


sunsync™ 300



Scalable and user-friendly sun screen control

sunsync is designed to cover all needs, regardless of project size, complexity, or price level.

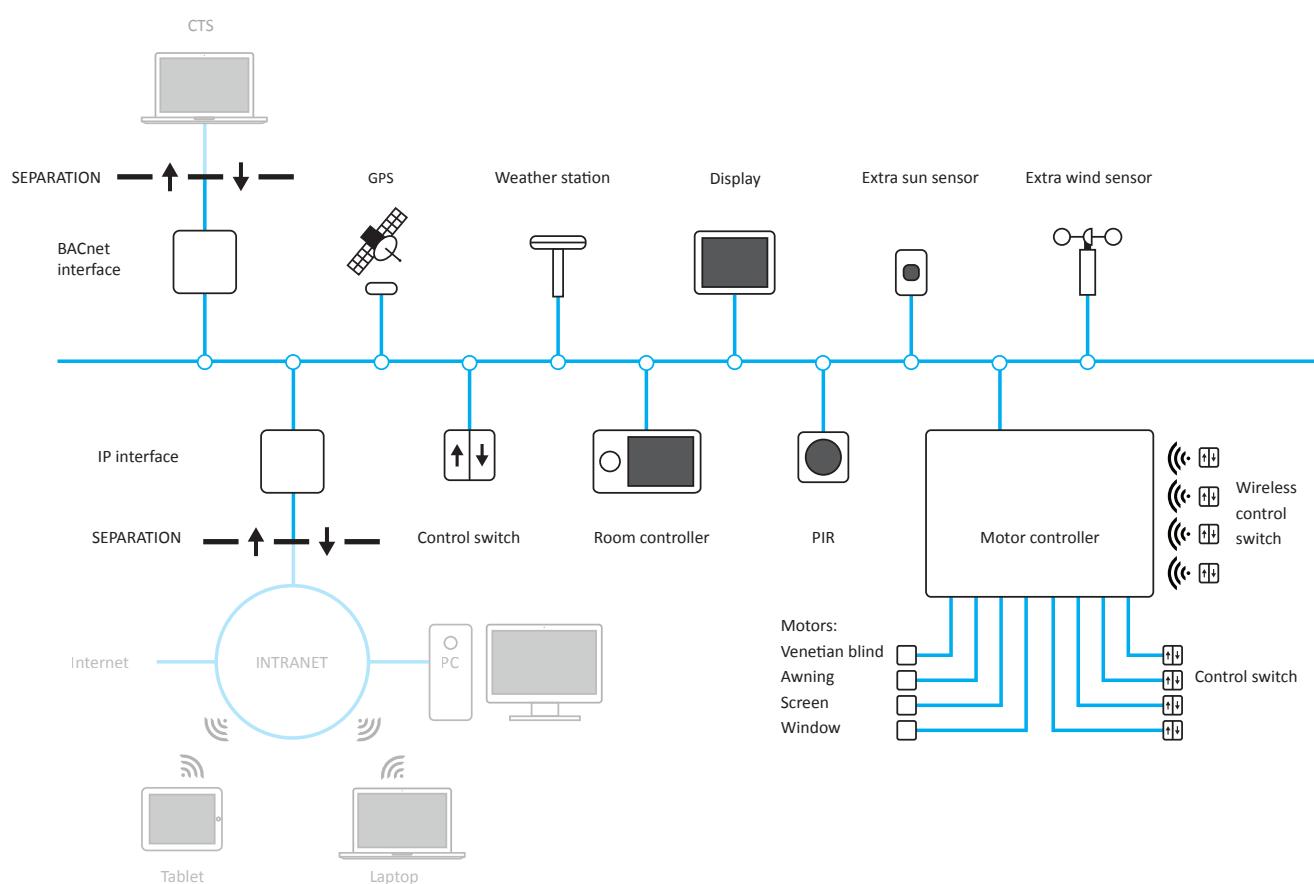
sunsync can be integrated and optimised in correlation with other building controls and communicate with the most common CTS protocols through gateways.

sunsync is scalable, so that the system meets individual user requirements.

sunsync™ 300

sunsync™ 300 is a future-proof solution for control of motorised sun screening, suitable for medium-sized and large systems.

- Open bus standard (KNX)
- Easy to expand and reprogram
- Two-way communication
- Integrable with external control systems, e.g. Bacnet
- Web-based operation of control zones through user-interface for PC, tablet, and smartphone
- Possibility for control of window motors, heating, ventilation, and lighting
- Everything is controlled from one weather station
- Real sun tracking
- Supports automatic shift between energy strategy and comfort strategy
- Possibility for wireless control without batteries (EnOcean)
- Advanced timer function



	STANDARD	OPTIONAL	REMARKS
BUS SYSTEM			
Digital bus (2-way communication)	X		
CONTROL STRATEGY			
Comfort strategy	X		
Energy strategy	X		
INTERFACES/DISPLAY			
Standard web-based interface for control station	X		Cloud based
Customised touch display		X	
Customised web-interface		X	Cloud based
BACnet interface for connection of CTS		X	2-way communication
CONTROL STATION/WEATHER STATION			
Number of zones	8		Can be expanded to a maximum of 20 zones
Lux sensors	5		
Pyranometer (W/m ²)	5		
Precipitation sensor	1		
Temperature sensor, outdoors	1		
Wind sensor	1		
Wind direction sensor	1		
GPS		X	For calculation of correct time and position
Window cleaner pressure	8		
Alarm input	8		
Sun tracking	X		Horizontal and vertical
MOTOR CONTROLLER/CONTROL SWITCH			
Number of motors per relay	4		
Possibility for DIN relays mounted on power strip	X		
Input for wired control switch	4		
Input for wireless control switch with battery	5		EnOcean
Input for wireless control switch without battery	5		Primarily for CTS
Feedback on position Motor	X		Primarily for CTS
Feedback on angle of blind per motor	X		
Feedback on position - zone level	X		
Feedback on angle of blind - zone level	X		
Feedback of sensor errors	X		

sunsync™ 300

The screenshot shows the main dashboard of the sunsync 300 web interface. On the left, there's a sidebar with icons for Home, Zones, Sensors, and Help. The main content area has a header "sunsync 300" and a user icon "Blended 00XXX".

Zoner:

1. Zone 1	▲ 0 %
2. Zone 2	▼ 0 %
3. Zone 3	▼ 0 %
4. Zone 4	▼ 0 %
5. Zone 5	▲ 0 %
6. Zone 6	▲ 0 %
7. Zone 7	▲ 0 %
8. Zone 8	▲ 0 %

Sensor information:

	Nord	Øst	Syd	Vest	Himmel
Lux:	3983	7844	58163	2962	8402
W/m²:	39	77	622	26	118
Azimut vinkel:	108°	/ Solhøjde:	10°		

Zone kommandoer:

Zoner:	1	2	3	4	5	6	7	8
Auto	●	●	●	●	●	●	●	●
Manual	○	○	○	○	○	○	○	○
Lås	○	○	○	○	○	○	○	○

At the bottom, there are links: Sidst opdateret: 7:52:03, Server information, Bygningsoversigt, Genindlæs, and © 2016 sunsync.

The screenshot shows a modal dialog for "Manuelle kommandoer Zone 1". The sidebar on the left is identical to the first screenshot. The dialog contains the following fields:

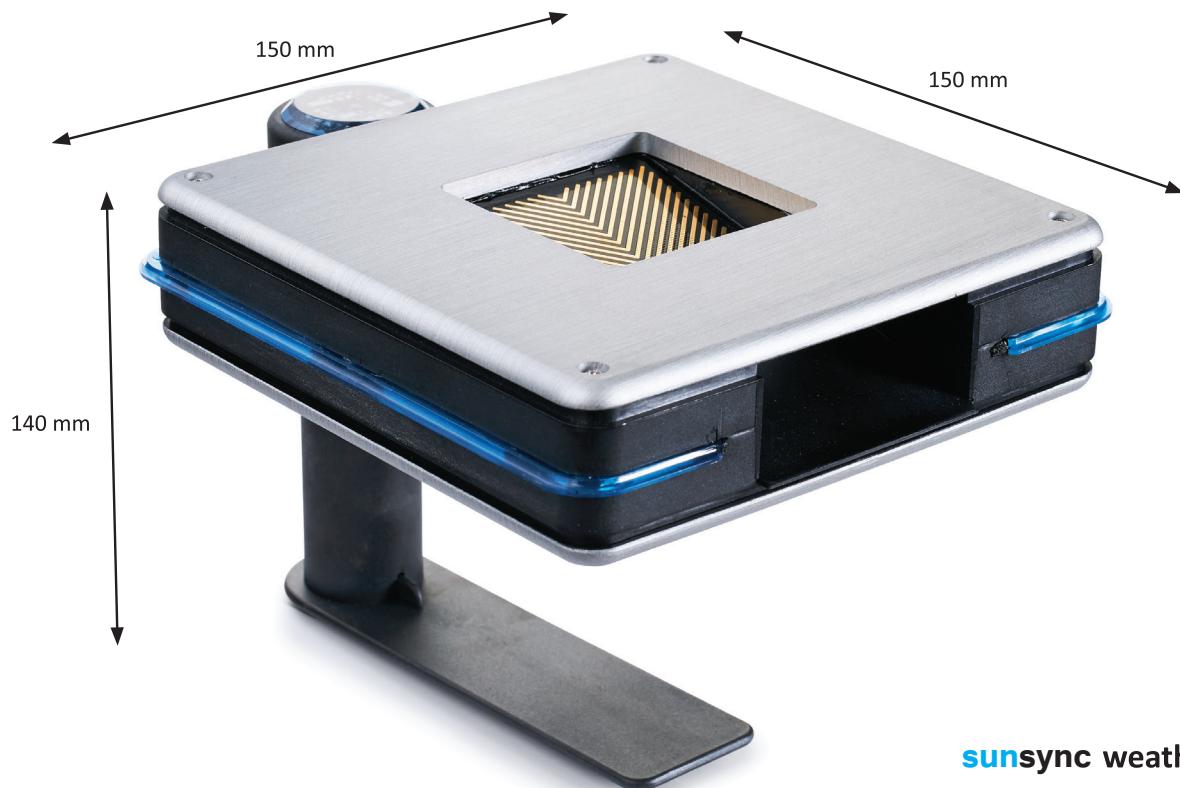
- Kør til position: A green button with an upward arrow and a numeric input field set to 0, with a "Send" button.
- Lamel vinkel: A numeric input field set to 50, with a "Send" button. Below it is the note: "0% = op, 100% = ned" and "100% = lodret, 50% = vandret". There is also a checkbox for "Bloker lokale tryk".
- Styringsstrategi:

 - Energioptimering (with a house icon)
 - Komfortoptimering (with a house icon)

- Reset strategi: A button to reset the strategy.
- Luk: A button to close the dialog.

The background of the main dashboard shows sensor information and zone control buttons for zones 3 through 8.

sunsync™ 300



sunsync weather station



Wind speed



Lux & global radiation (W/m²)



Temperature



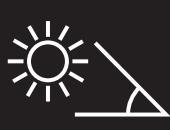
Wind direction



Rain



Snow



Sun tracking



Clock

For further information about **sunsync** please contact:

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KViNT | blendex

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