sunsync™ 200

Scalable and user-friendly sun screen control

sunsync is designed to cover all needs, regardless of project size, complexity, or price level.
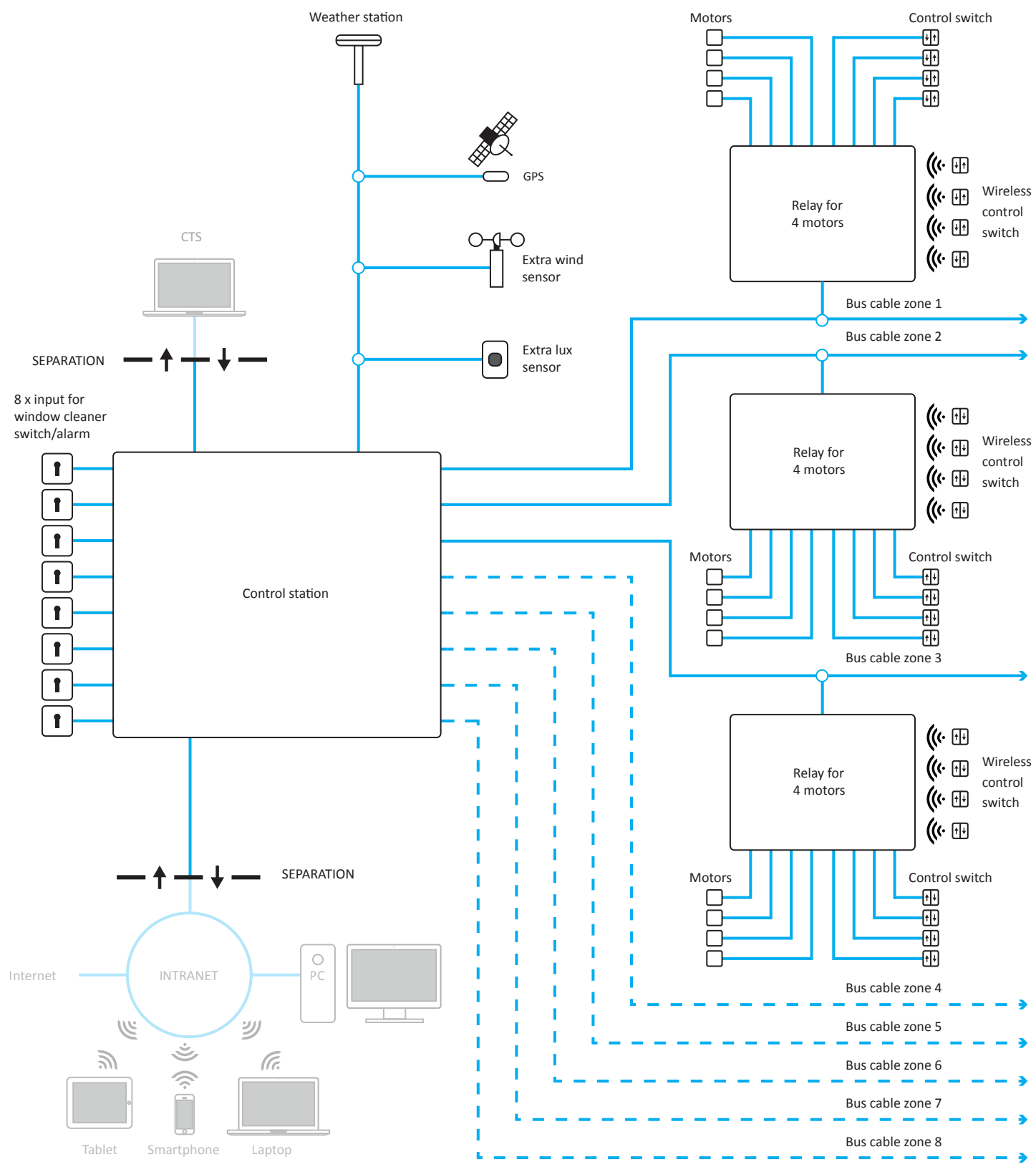**sunsync** can be integrated and optimised in correlation with other building controls and communicate with the most common CTS protocols through gateways.
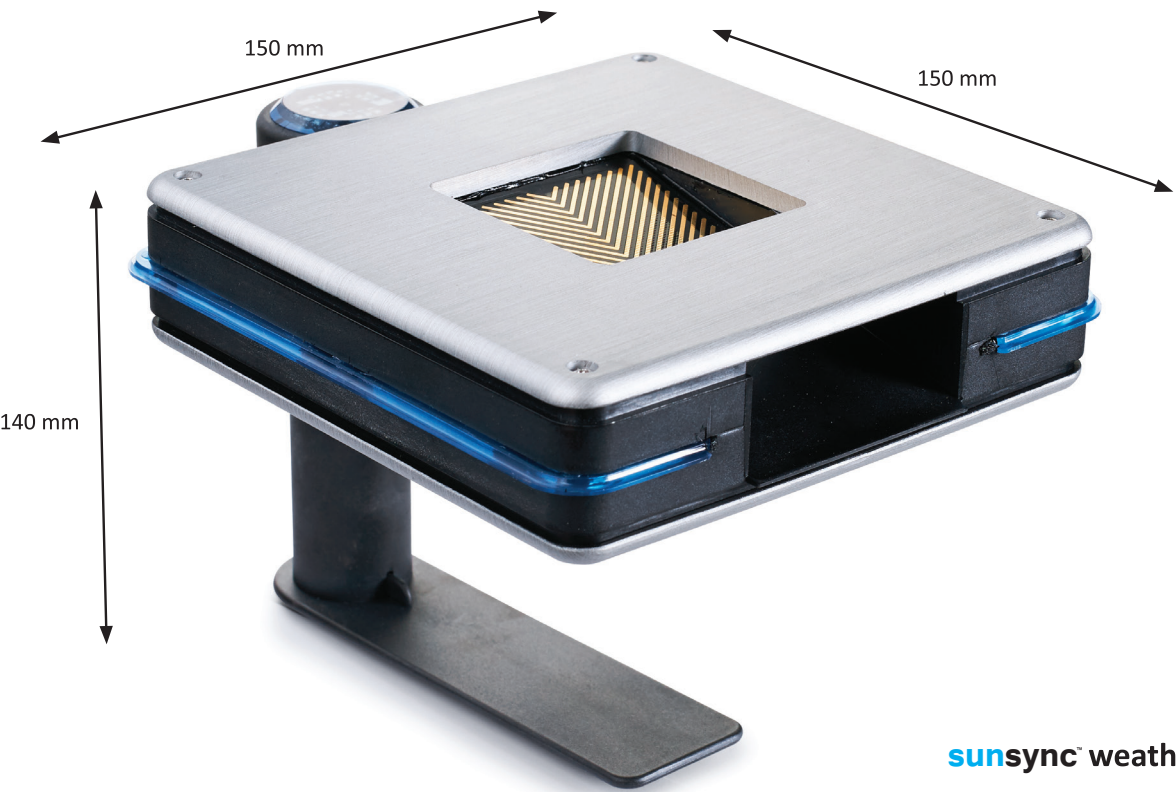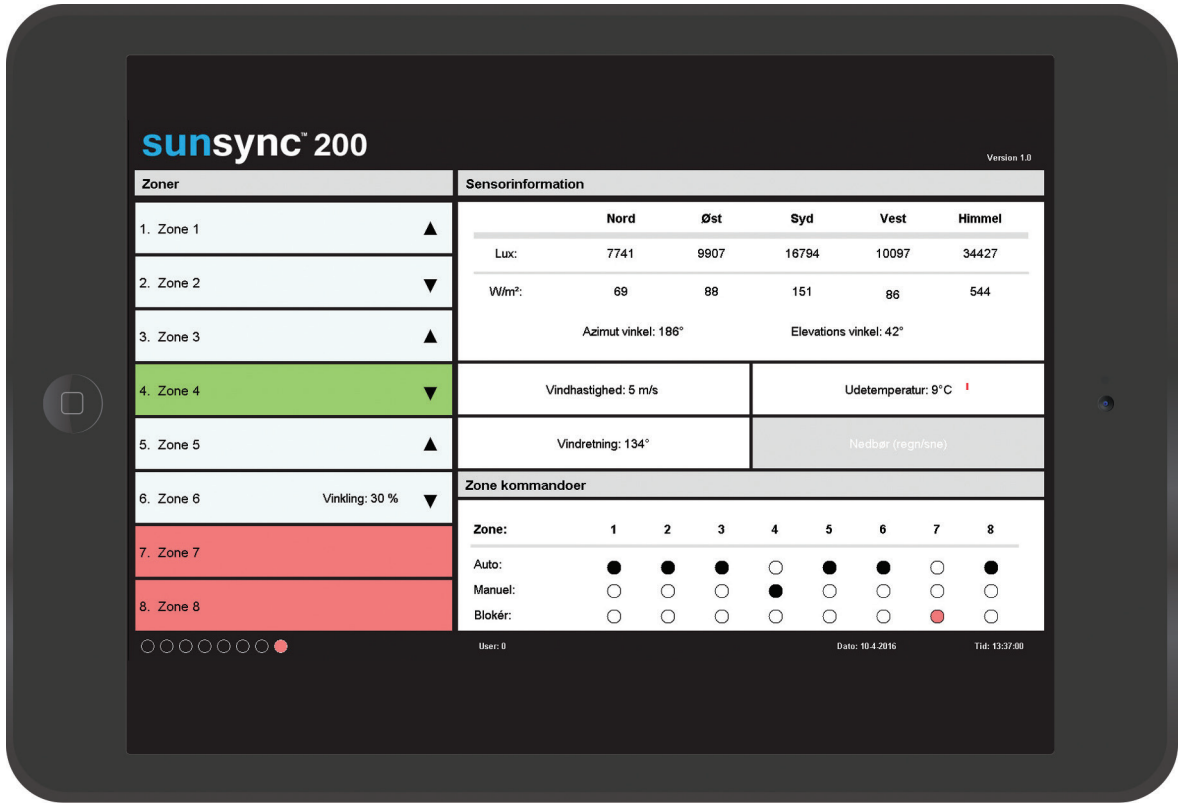**sunsync** is scalable, so that the system meets individual user requirements.

sunsync 200 is a competitive solution based on analogue motor relays, which is controlled by the advanced **sunsync** weather station. The controls are suitable for medium-sized and large systems.

- Simple installation
- Analogue one-way communication between motor relays
- Only weather station needs programming
- Motor relays are in-built in boxes, which allow for installation near the motors
- Possibility for wireless control with battery
- Integrable with external systems through Bacnet and KNX
- Controllable from PC, tablet, or smartphone through web server
- Advanced timer function

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	STANDARD	OPTION	REMARKS
BUS SYSTEM			
Analogue bus (one-way communication)	X		
CONTROL STRATEGY			
Comfort strategy	X		Cannot be performed for blinds
Automatic/manual	X		
INTERFACES/DISPLAY			
Web server for connecting PC, tablet, or smartphone	X		Also supported by iPhone and iPad
Centralt display		X	
Customised interface for smartphone/tablet/PC		X	
BACnet interface for CTS or similar		X	BACnet IP/BACnet MS/TP
MODbus interface for CTS or similar		X	MODBUS IP
KNX interface for CTS or similar		X	KNX IP/KNX TP
CONTROL STATION/WEATHER STATION			
Number of zones	8	X	Can be extended with more zones
Lux sensor	5		
Pyranometer (W/m^2)	5		
Precipitation sensor	1		
Temperature sensor, outside	1		
Wind sensor	1		
Wind direction sensor	1		
GPS		X	
Inputs for window cleaner switch or alarm	8		Can be extended with more inputs
Sun tracking	X		For blinds only
MOTOR CONTROLLER/CONTROL SWITCH			
Number of motors per relay	4		
Input for wired control switch	4		
Input for wireless control switch with battery	4		
Feedback on position and angle - zone level	X		Up/Down + angle in per cent
Feedback of sensor errors	X		

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Weather station

Motors   Control switch

Relay for
4 motors

Wireless
control
switch

Bus cable zone 1

Bus cable zone 2

CTS

GPS

Extra wind
sensor

SEPARATION

Extra lux
sensor

8 x input for
window cleaner
switch/alarm

Relay for
4 motors

Wireless
control
switch

Control station

Motors   Control switch

Bus cable zone 3

Relay for
4 motors

Wireless
control
switch

SEPARATION

Motors   Control switch

Internet   INTRANET   PC

Bus cable zone 4

Bus cable zone 5

Bus cable zone 6

Bus cable zone 7

Tablet   Smartphone   Laptop

Bus cable zone 8

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Version 1.0

Zoner	
1. Zone 1	▲
2. Zone 2	▼
3. Zone 3	▲
4. Zone 4	▼
5. Zone 5	▲
6. Zone 6 Vinkling: 30 %	▼
7. Zone 7	
8. Zone 8	

○○○○○○○●

Sensorinformation

	Nord	Øst	Syd	Vest	Himmel
Lux:	7741	9907	16794	10097	34427
W/m²:	69	88	151	86	544

Azimut vinkel: 186°   Elevations vinkel: 42°

Vindhastighed: 5 m/s	Udetemperatur: 9°C
Vindretning: 134°	Nedbør (regn/sne)

Zone kommandoer

Zone:	1	2	3	4	5	6	7	8
Auto:	●	●	●	○	●	●	○	●
Manuel:	○	○	○	●	○	○	○	○
Blokér:	○	○	○	○	○	○	●	○

User: 0   Dato: 10.4.2016   Tid: 13:37:00

150 mm

150 mm

140 mm

sunsync™ weather station

For further information about **sun**sync please contact:

blendex®

blendex.dk

Fischer®

fischer-danmark.dk

KViNT | **blendex**

kvintblendex.no