

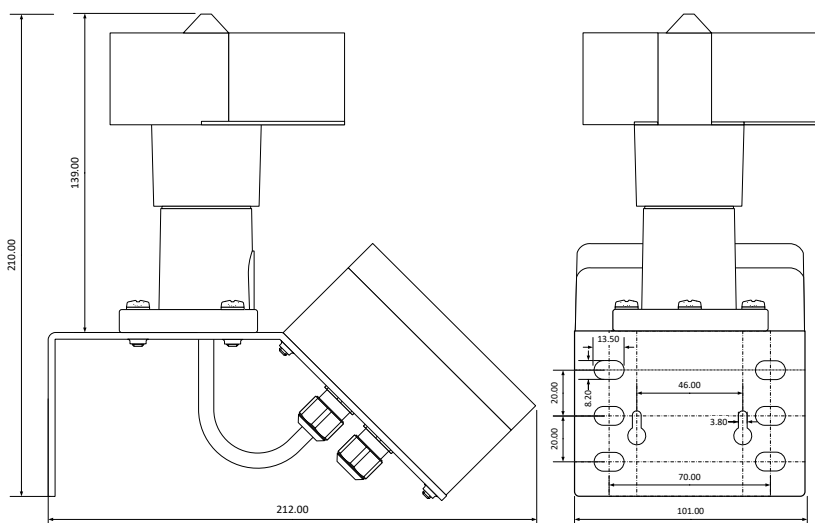
- **CASAMBI** wind and rain detector for the protection of outdoor blinds.
- Outdoor light sensor with extended measuring range
- Sensor profiles pre-programmed
- Simply controlled by Casambi

The CASAMBI module LIGA.AIR.WRD-24+ is a compact weather station that protects outdoor blinds etc. in case of severe weather with the CASAMBI App.

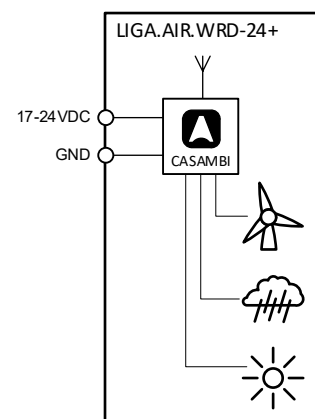
With pre-programmed profiles (see in technical specifications below), the setpoints of the module sensors are set in the CASAMBI App and thus, for example, sun blinds are retracted when a certain wind strength is exceeded (Wind), when it rains (Rain) or when it is dark (Dark). The extended measuring range of the light sensor also allows automatic extension of the sun blinds when the pre-programmed brightness (Bright) is reached.

The module can be easily mounted to a pole or pipe bracket with the supplied clamp or screwed directly to a facade with the prefabricated holes.

Dimensional drawing:



Schematics:



Installation only by a professional electrician according to the local regulations!

Technical specifications:

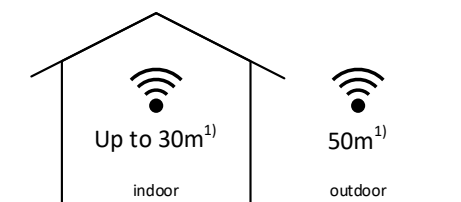
Dimension (T x B x H)	212 x 101 x 210mm				
Weight	1.1 kg				
Color	Enclosure: Light gray, carrier plate and wind sensor: Black				
Mounting	Pole, facade etc.				
Environmental conditions	Operation: Temperature -20 ... 50°C, humidity < 85%rH Stock: Temperature -25 ... 65°C, humidity < 95%rH				
Protection type / class	IP65, EN-60529 / Appliance Class II				
Connections	17-24VDC-IN: (+, -) screw terminal block: 1.5mm ² max (AWG14)				
Supply / consumption	17-24VDC / 0.7 Watts				
Preprogrammed profiles	Fixture name	Wind	Dark	Bright	Rain
Wind, Dark, Rain: Wind speed, light intensity, and rain detector ON, at which the blind should be retracted . Bright: Light intensity at which the blind should be extended . Note: Wind and Rain have priority over Bright, i.e., the retraction is prioritized to the extension.	LIGA.AIR.WRD-24+P1	28 km/h	200 Lux	10000 Lux	ON
	LIGA.AIR.WRD-24+P2	38 km/h	200 Lux	10000 Lux	ON
	LIGA.AIR.WRD-24+P3	49 km/h	200 Lux	10000 Lux	ON
	LIGA.AIR.WRD-24+P4	28 km/h	200 Lux	10000 Lux	OFF
	LIGA.AIR.WRD-24+P5	38 km/h	200 Lux	10000 Lux	OFF
	LIGA.AIR.WRD-24+P6	49 km/h	200 Lux	10000 Lux	OFF
Standards	Low Voltage Directive (LVD) 2014/35/EU, EN 60669-2-1 Electromagnetic compatibility (EMC) 2014/30/EU				
CASAMBI Modul Standards	Bluetooth 4.0 Wireless Control				
Switching times	Configurable with the Casambi application (App Store, Google Play)				
Applications	Retracting and extending sun blinds, etc., switching loads such as lights, etc.				
Scope of delivery	1 LIGA.AIR.WRD-24+ weather station, 1 pole, pipe clamp				

Compatible devices:



iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later.
Android 4.4 KitKat or later devices
 produced after 2013 with full BT 4.0 support.

Range:



Casambi uses mesh network technology so each CBU-ASD acts also as a repeater.

Longer ranges can be achieved by using multiple Casambi units.

Range is highly dependent on the surrounding and obstacles, such as walls and building materials.

