



winegrid

Smart Oenology

smartcellar

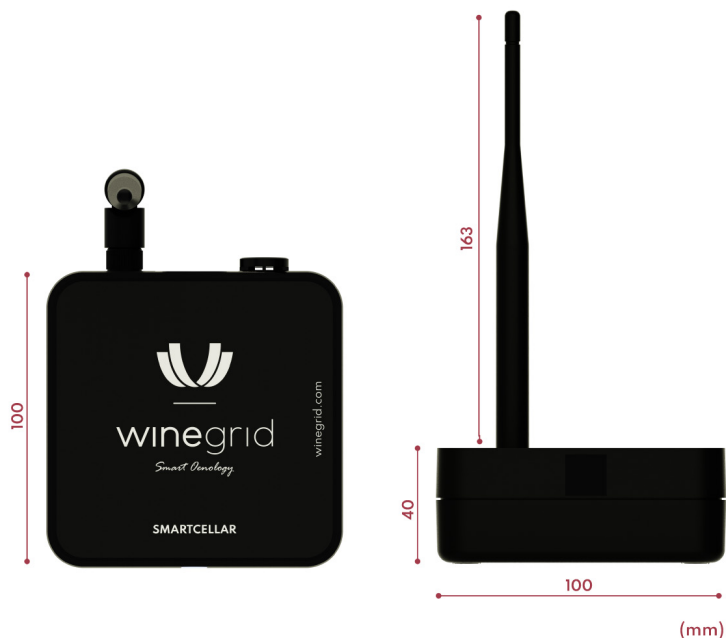
SENSOR FOR REMOTE AND REAL-TIME MONITORING OF THE WINERY ENVIRONMENT WITH PROPRIETARY TECHNOLOGY

TEMPERATURE, HUMIDITY, CARBON DIOXIDE AND SENSOR HANDLING

Wireless connectivity

Plug & Play

WINEGRID platform compatibility



TECHNICAL SPECIFICATIONS

| | |
|--------------------|---|
| ENCLOSURE MATERIAL | ABS |
| DIMENSIONS | Enclosure 100 x 100 x 40 mm |
| WEIGHT | 0.2 kg |
| COMMUNICATION | Wi-Fi Version: distance up to 50 m LoRa Version: distance up to 2000 m |
| LORA FREQUENCY P2P | LoRa P2P: EU - 868.1 MHz US/AU - 925.3 MHz |
| POWER SUPPLY | 3 x 1.5 V AA-size alkaline batteries |
| TEMPERATURE | |
| OPERATION RANGE | [-15 ; 50] °C |
| RESOLUTION | 0.1 °C |
| ACCURACY | ± 1.5 °C |
| HUMIDITY | |
| OPERATION RANGE | [10 ; 90] %RH |
| RESOLUTION | 0.1 %RH |
| ACCURACY | ± 4 %RH |
| CARBON DIOXIDE | |
| OPERATION RANGE | [0, 40 000] ppm |
| RESOLUTION | 1 ppm |
| ACCURACY | ± (100 ppm + 5% of reading) |

DETECTION OF HANDLINGS EVENTS

Disclaimer of Misuse: Do not use smartcellar as a safety or emergency stop device or in any other application where failure of the product could result in personal injury.