



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 3.93 x 3.93 x 1.57 inches
WEIGHT	0.4 lbs
COMMUNICATION	Wi-Fi Version: distance up to 164 feet LoRa Version: distance up to 1.24 miles
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	[5 ; 122] °F
RESOLUTION	0.18 °F
ACCURACY	± 2.7°F
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.

