

# Datasheet ALES WS

## Mono barrier wireless

Evolution of the ALES single barriers in self-powered version with a range of 60m. Equipped with a thick bottom to accommodate the batteries and the universal transmitter usually used for radio systems. Optical synchronism with 4 different channels, disqualification function for fog. Battery life is guaranteed for 36 months. Possibility to power the radio transmitter from the supplied battery. The tamper of the TX column is transmitted optically to the receiver. There are no standby times: the barrier is always ready. IP65



CHARACTERISTIC	
OUTDOOR RANGE	1 – 60 m
INDOOR RANGE	1 – 150 m
DOUBLE BEAMS OPTICS	AND with 35mm lens
PHOTODEVICES	Pulsed type beams with a wavelength of 950 nm
SYNCHRONIZATION	Optical with 4 channels
ALIGNMENT SYSTEM IR	SMA Technology
OPTICS ANGLE REGULATION	180° horizontal 20° vertical
INTERVENTION TIME REGULATION	50-500ms via trimmer
CIRCUIT POWER SUPPLY	3.6V lithium battery 19Ah included
CIRCUIT CONSUME	TX: 0.30mA / RX: 0.35mA
BATTERY LIFE	3 years
HEATERS	Optional with thermostat 10-30V: 10/15Vcc -Vca= 6W, 0.4 A each. 20/30Vcc -Vca= 6W, 0.2 A each.
WORKING TEMPERATURE	-25°C (with heaters) / + 70°C
OUTPUT: ALARM	Free Contacts Relay NC (on RX side)
OUTPUT: TAMPER	Free Contacts Relay NC
OUTPUT: FOG DISQUALIFICATION	Open Collector NA
IP PROTECTION	IP65
DIMENSIONS LxPxH	78 x 130 x 185 mm

## ACCESSORIES

Support brackets  
kit included



Fixing plate  
included



Heater Kit  
**ALES TS**



Galvanized pole  
1-2m **TB1-TB2**  
(49mm D)



Pit **POB30**

