

# Datasheet

## SANDOR HY SMA

### High beams hybrid barriers

Low absorption barrier with internal 220V power supply for 3.6V lithium battery charger and heater power supply. Suitable for all quick and easy installation wireless applications, compatible with all universal TX radios. Possibility to power the radio TX via selectable 3 / 3.6V output. Ideal for residential applications used as a lantern. It can be interfaced with Parvis SL, Parvis WS, Parvis HY, Sandor WS and Sandor SL barriers.

CHARACTERISTICS	
OUTDOOR RANGE	1- 100 m
INDOOR RANGE	1- 200 m
DOUBLE BEAMS OPTICS	AND with 35mm lens
PHOTODEVICES	Pulsed type beams with a wavelength of 950 nm
SYNCHRONIZATION	Optical
ALIGNMENT SYSTEM	SMA Technology
CALIBRATION	Parallel
BEAMS CONFIGURATION	2-4-6 Beams selectable
OPTICS ANGLE REGULATION	180° horizontal 20° vertical
DETECTION SYSTEM	OR- AND RANDOM on board or remote control
INTERVENTION TIME REGULATION	50-500ms via trimmer
CIRCUIT POWER SUPPLY	220V and backup lithium 3.6V 1.8Ah
CIRCUIT CONSUME	From 0.35 mA to 1mA depends on number of beams
BACKUP BATTERY CYCLE	2 months without 220V power supply
HEATERS POWER SUPPLY	12Vcc (internally powered)
HEATERS CONSUME (per column)	5W for beam
WORKING TEMPERATURE	-25°C / + 70°C
OUTPUT: ALARM	Free contacts Relay NC
OUTPUT: TAMPER	Free contacts Relay NC
OUTPUT: FOG DISQUALIFICATION	Open Collector NA
OUTPUT: ANTIMASKING	Open Collector NA
IP PROTECTION	IP54 / 65 (on demand)
DIMENSIONS: PROFILE LxPxH	60 mm x 60 mm from 1000 to 4000 mm



### ACCESSORIES

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



Wall fixing brackets  
**SAN-SD**



Pole or wall fixing brackets  
**SAN-PL**



Pit **POB30**

