

Datasheet

SANDOR SL SMA

IR Barrier with solar panel and rechargeable battery

Low absorption barrier with solar panel for 3.6V lithium battery charger. 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 HY 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 (TX and RX)
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	Solar panel and 3.6V 1.8Ah lithium battery charger
CIRCUIT CONSUME	From 0.35 mA to 1mA depending on number of beams
BACKUP BATTERY CYCLE	2 months without recharge
HEATERS POWER SUPPLY	12V – 24Vac-cc
HEATERS CONSUME (for column)	5W per beam
WORKING TEMPERATURE	-10°C / + 70°C (-25°C if heaters supplied)
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**

