

Datasheet

SANDOR DUAL-QUAD-ESA SMA 220V

High beam IR barrier with a long range

Barrier created for long perimeters, with anti-corrosion anodized aluminum structure and polycarbonate screen with small dimensions and pleasant design. The typical application is on walls for facades. Through the crossing function it is possible to create an insurmountable network composed of up to 36 beams. Thanks to the optical synchronism and the SMA technology for alignment, the installation speed is incredibly low.

The barriers include 220V power supplies and a buffer that allows to optimize plant design and development times.

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 or Crossed
BEAMS CONFIGURATION	DUAL: 2 Beams QUAD: 4 Beams ESA: 6 Beams
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	110-220Vac
CIRCUIT CONSUME	From 135 mA to 150mA depending on the number of beams
HEATERS POWER SUPPLY	12V
HEATER CONSUME (for column)	15W: DUAL (thermostat on demand) 25W: QUAD 35W: ESA
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 (only on QUAD-ESA)
ENVIROMENTAL CLASS	4
DIMENSIONS LxPxH	60 mm x 60 mm from 500 to 4000 mm



ACCESSORIES

Pit POB30



Wall fixing brackets SAN-SD



Pole or wall fixing brackets SAN-PL



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

