

Datasheet ALES 60 - 120

High performance compact single barrier

Ultra-compact mono barrier easy to install and align thanks to SMA (Single Man Alignment) technology. In version 60-120 meters and completely white for residential applications. Its special features include optical synchronism with 4 different channels, fog disqualification function, absence of minimum distance. Degree of protection IP65. Easily usable in a wide range of residential, commercial and industrial applications.

CHARACTERISTIC	ALES 60	ALES 120	ALES BIA
OUTDOOR RANGE	1 – 60 m	1 – 120 m	1 – 30 m
INDOOR RANGE	1 – 250 m	1 – 480 m	1 – 50 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		
POWER SUPPLY	12 – 30 Vcc		
CIRCUIT CONSUME	90 mA (RX+TX)		
HEATERS	On demand Thermostate heater 10-30V: 10/15Vcc= 6W, 0.4 A each 20/30Vcc= 6W, 0.2 A each		
WORKING TEMPERATURE	-25°C (with heaters) / + 65°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 78 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**

