

ALES

"The new single barrier"

ALES 60

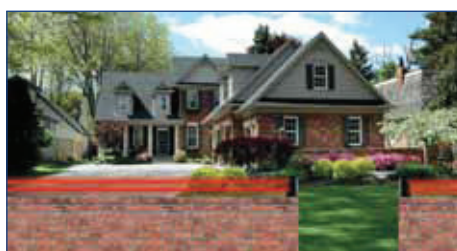
ALES 120

Dual optical lens, single beam barrier with the special characteristic of being able to be installed and aligned "by a SINGLE MAN" (SMA technology).

Thanks to its high brightness LEDs (visible from over 200 m in full daylight) and its high power acoustic Buzzer, this barrier allows perfect alignment by a single operator, who sees and hears when the beam is at its best operating conditions.

CHARACTERISTICS:

- Range 60 metres / 120 metres
- Synchronized dual optical lens infra-red technology (4 channels)
- Environmental disqualification from fog function with special output
- Power supply from 10 to 30 Vdc.
- Adjustment angle 180 Horiz. 20 Vert.
- Heaters with thermostat (optional)





ALES TECHNICAL CHARACTERISTICS

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Maximum internal distance of use	250 m	480 m
Maximum external distance of use	60 m	120 m
Synchronization	Optical lens with 4 channels	
Optical lens with dual beam	YES with 35 mm in AND lenses	
Photo devices	Pulsed beams, working wave 950 NM	
Barrier configuration	1TX and 1RX	
Beam arrangement	Parallel	
Circuit power supply	10 ÷ 30 Vdc	
Circuit absorption per pair	90 mA	
Optional heater power supply	12 -24 Vdc	
Thermostat heater absorption per pair	10 - 15 Vdc 250 mA	
	24 - 30 Vdc 125 mA	
Operating temperature	from -25 to +65° C	
Alarm outputs	Relay with NC/NO free contacts	
Tamper protection output	Lid opening tamper protection	
Environmental disqualification from fog	YES with special OC output	
Protection Degree	IP65	
Profile size LxWxH	78mm x 78mm x 185mm	



ALES FUNCTIONAL PERFORMANCE

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Tracking and alignment system	SMA technology via high brightness LED and Buzzer	
Optical excursion	180° horizontal and 20° vertical	
Response time	250ms fixed	
Mounting accessories	Wall and pole brackets, heater kit	
Accompanying manuals	Instructions manual with application example figures	
Warranty	Integral 2 years for manufacturing defects	

