



## ALES TECHNICAL CHARACTERISTICS

	ALES 60	ALES 120
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

	ALES 60	ALES 120
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	

