

Datasheet ALES QUAD 160/250

Long Range ultra-compact barrier

Ales Quad is a dual-beam active infrared barrier with 4 lenses with very small dimensions. Pre-wired and ready for installation, it is composed of a transmitting and a receiving unit. It finds its place in every corner and can be installed on poles or on walls. Resistant, compact and easy to install, it is the only barrier of its kind with a range of 250 meters.



OUTDOOR RANGE 1-160 m 1-250 m INDOOR RANGE 1-350 m 1-500 m DOUBLE BEAMS OPTICS AND with 35mm lens PHOTEDEVICES PUlsed type beams with a wavelength of 950 nm SYNCHRONIZATION ALIGNMENT SYSTEM IR ALIGNMENT SYSTEM IR BEAMS CALIBRATION BEAMS CALIBRATION Crossed BEAMS CONFIGURATION BEAMS CONFIGURATION SYSTEM DETECTION AND su 4 lenti INTERVENTIONTIME REGOLATION FOWER SUPPLY 12 - 30 Vcc CIRCUIT CONSUME 100 mA (RX+TX) HEATERS ON DEMAND HEATERS ON DEMAND HEATERS CONSUME 1 A (RX+TX) WORKING TEMPERATURE -25°C / + 70°C OUTPUT: ALARM Free Contacts Relay NC OUTPUT: TAMPER OUTPUT: ANTIMASK OPEN Collector NA IP PROTECTION IP65 DIMENSIONS LxPxH 78 x 86 x 405 mm	CHARACTERISTIC	ALES QUAD 160	ALES QUAD 250	
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WORKING TEMPERATURE -25°C / + 70°C OUTPUT: ALARM Free Contacts Relay NC (on RX side) OUTPUT: TAMPER Free Contacts Relay NC OUTPUT: FOG DISQUALIFICATION OUTPUT: ANTIMASK Open Collector NA IP PROTECTION IP65	HEATERS POWER SUPPLY	12V – 24Vac-cc		
OUTPUT: ALARM Free Contacts Relay NC (on RX side) OUTPUT: TAMPER Free Contacts Relay NC OUTPUT: FOG DISQUALIFICATION OUTPUT: ANTIMASK Open Collector NA IP PROTECTION IP65	HEATERS CONSUME	1 A (RX+TX)		
OUTPUT: TAMPER Free Contacts Relay NC OUTPUT: FOG DISQUALIFICATION OUTPUT: ANTIMASK Open Collector NA IP PROTECTION IP65	WORKING TEMPERATURE	-25°C/+70°C		
OUTPUT: FOG DISQUALIFICATION OUTPUT: ANTIMASK Open Collector NA IP PROTECTION IP65	OUTPUT: ALARM	Free Contacts Relay NC (on RX side)		
Open Collector NA OUTPUT: ANTIMASK Open Collector NA IP PROTECTION IP65	OUTPUT: TAMPER	Free Contacts Relay NC		
IP PROTECTION IP65		Open Collector NA		
	OUTPUT: ANTIMASK	Open Collector NA	Open Collector NA	
DIMENSIONS LxPxH 78 x 86 x 405 mm	IP PROTECTION	IP65		
	DIMENSIONS LxPxH	78 x 86 x 405 mm		

ACCESSORIES

Support brackets kit included

Fixing plate included



Power supply LAR22 S



Pit POB30



Pit power supply LAR18



Pit battery LAR B4





Galvanized pole 1-2m

Thermostat
Ales Quad TS
(for AQ 160)

