

Code: JA-150IR

## INFRA-RED BARRIERS **JA-150IR** 2 BEAMS JABLOTRON

The alarm systems based on Passive Infra-Red detectors catch the intruder, which is inside the room already. The system based on Infra-Red barriers is intended to cause an alarm when intruder only intends to invade the premises, and there is still outside the building.

The curtain is composed of several active IR barriers (beams detectors), which create an invisible "grill" inside the window or door bay. Tampering with this "grill" area causes an immediate start alarm.

IR curtains can be also used to protect the controlled crossing, gates, fences, precious objects at open areas, etc. In museums the IR curtains can be successfully used as conflict-free, discreet separation the viewers from the valuable exhibits.

The JA-150IR has built-in transmitters/receivers to wireless connection to the JA-101KR / JA-106KR control panels.



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| Number of beams:                          | 2  |
| Detection method:                         | 2 beams blocked simultaneous   |
| Outdoor detection range:                  | 60 m   |
| Indoor detection range:                   | 60 m   |
| Interruption time (blocking of the beam): | 50, 100, 250, 500 ms   |
| Alarm period:                             | 2 s ± 1 (nominally)  |
| Tamper contact:                           | <ul style="list-style-type: none"> <li>• N.C. opened during remove the cover (only receiver)</li> <li>• N.C. opened either battery box or chassis is removed from the installment</li> </ul> |
| Assembly:                                 | on the wall or pole  |
| Power supply:                             | x 2 Lithium batteries LSH20 3.6 V DC - Transmitter (not included)<br>x 2 Lithium batteries LSH20 3.6 V DC - Receiver (not included)  |
| Current consumption:                      | 0.81 mA  |
| "Index of Protection":                    | IP55   |
| Angles adjustment range:                  | ± 5 ° vertical<br>± 90 ° horizontal  |
| Operation temp. / Relative humidity:      | -20 °C ... 60 °C / max. 95 %   |

|                                     |   |
|-------------------------------------|---|
| Main features:                      | <ul style="list-style-type: none"><li>• 4 Channels</li><li>• Alarm output</li><li>• Environmental Disqualification D.Q. output</li><li>• Low batteries indication output</li><li>• LEDs indicating device operation state</li><li>• Available box for wireless transmitter</li><li>• support for: NO, NC configurations</li><li>• Battery saving function - wireless transmitter</li><li>• Intermittent output function</li><li>• LED indicator for an easy optical alignment</li><li>• beam interruption time ajustement</li></ul> |
| Color:                              | Black   |
| Transmitter or receiver dimensions: | 217 x 162.5 x 88.1 mm   |
| Transmitter and receiver weight:    | 1.6 kg  |
| Manufacturer / Brand:               | JABLOTRON   |
| Guarantee:                          | 2 years   |