

iStud MKII

Vehicle Detectors

Ref: SM-ISM
 FM-ISM
 Revision : 1
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TECHNICAL DATA SHEET

PRODUCT NAME: iStud MKII Vehicle Detectors – In Pavement and Surface Mounted.

PRODUCT IDENTIFICATION

MANUFACTURER'S CODE: SM-ISM and FM-ISM
SUPPLIERS NAME: TRAFFIC TECH PTY LTD
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The iStud MKII Vehicle Detectors use a 3-axis magnetic sensor to detect vehicle presence.

These unique vehicle detectors give an optional “open or closed output” with adjustment of the LIC. An A-B logic card is available if a directional output is required to operate your equipment.

Typical Composition

Dimensions	In pavement	Surface Mount	Detection Techniques	3 axis magnetic field sensing, self-calibrating detection algorithm with adjustable sensitivity	
Width	80mm	300mm		Operating Voltage:	8v-30vDC
Depth	43mm	30mm		Operating Current:	60 milliamps
Weight	250g	1500g		Output	Open Collector (open/closed) output and optional contacts via LIC board
Ambient Operating Conditions	-37°C to +74°C	-37°C to +74°C			
Operating Life	10 Years +	10 Years +			
Protection Class	IP67	IP67			