

ITS Special Four Channel Vehicle Detector



DH-ITACD-004B

Features

- Adopt ATMEL high performance MCU and ALTERA high performance CPLD
- Adopt dual processor based on high accuracy arithmetic
- Support to connect 4 loops at the same time
- Support oscillatory circuit frequency adjust in four level
- Support sensitivity adjustable
- Support RS485 output trigger signal

Specifications

Model	DH-ITACD-004B	
General	Main Processor	ATMEL company ATMEGA series high performance MCU
	Coprocessor	ALTER company MAXII series high performance CPLD
	Vehicle Detect	Detect vehicle pass through process of loop area, can support 4 loops detect at same time
	Parameter Setting Mode	Coding switch can setting the operating parameter of vehicle detector
Parameter	Indicate Light	Indicate vehicle detector operate status
	Trigger Signal Output	Each loop detector related with one output signal. Output signal can be choose, contact and RS485.
	Failure Signal Output	When the loop is abnormal, it can output failure signal.
	Coding Switch	3 pcs of 8 bit coding switch, 1 pc of 2 bit coding switch
	Auto Refresh	No vehicle pass through the loops, detector can auto refresh frequency, automatically adjust the influence from weather
	Response Time	<20ms
	Captive Rate	≥99.9%
Environmental	Oscillate Frequency	Oscillate frequency can adjustable, support 4 status option
	Power Supply	DC12V ± 10%, support over voltage, over current, reverse connection protection.
	Port Protection	Each port support over voltage, over current protection
	Power Consumption	<2W
	Operating Environment	Temperature-30°C~+70°C, humidity10%~90%
	Dimension	EN structure 205.6mm*148mm*38mm (W×D×H)
Weight	<1 Kg	

Dimensions (mm)

