

ITASD-012B Signal Detector



Features

- > The simplex communication between the RS485 and the snap host. System can send out a snap command to the snap host when it detects there is red light offence event.
- > Max supports 12 vehicle detect signal from 12 loops. 3-channel red & green light.
- > Provide vehicle detector working power and red & green light switch power.
- > Provide flashlight signal 1 to 5 function.
- > Max support three 4-chanel vehicle detector.

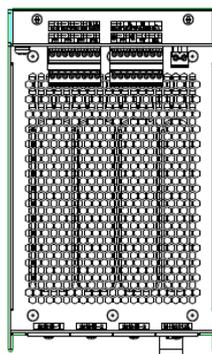
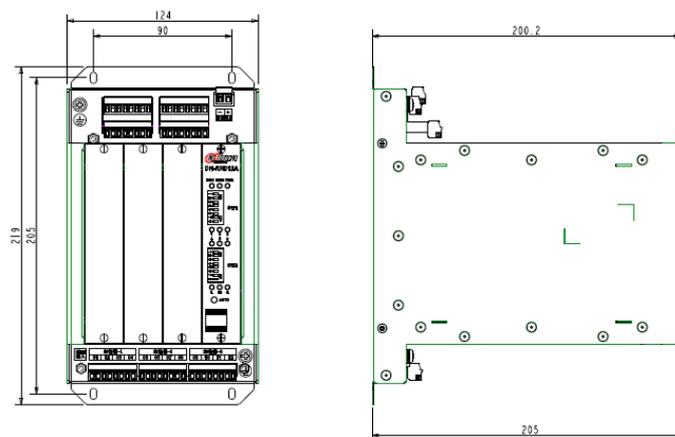
Specifications

Model Spec	ITASD-012B
Main Processor	ATMEL company ATXMEG series high performance MCU
Vehicle Detect	When the vehicles is driving cross the loop detect area, it can detect the running process. It max supports 12 loops at the same time.
Red light violation Detect	Set as 2 loops red light violation snap detect and analysis. It can snap once or third times according to your setup.
Vehicle Speed Measuring	Set as two or three loops for each lane to check speed. When there are 2 loops to check the speed, it max supports 6 lanes speed measuring at the same time. (Please note, only five lanes can have the corresponding flash light.)
Flashlight Split Function	Support 1-channel flashlight signal input, it can auto split to 5-channel flashlight signal output.
Parameter Setup	Support signal detector working parameter setup via the RS485 port, dial switch button.
Status Display	Support signal detector working parameter display via the RS485 port, dial switch button.
COM Upgrade	Software upgrade via the RS485 port.
Communication Port	One RS485 port
Activation Signal Output	One on-off output
Red Light	Three high level activation inputs.

DH-ITASD-012B

Signal Input	
Vehicle Detector Loop Input	12 pairs. Support 12 loops.
Flashlight Port	One low level activation input and 5 on-off outputs.
Indication Light	One power indication light, one working indication light, one detect indication light, 6 lane indication light, 3 red signal indication lights.
Dial Switch Button	Two 8-bit dial switch buttons
Button	One Auto check button
Power Input	DC12V±20% There are over voltage, over current protection, misconnect protection for all the corresponding interfaces.
Power Consumption	<1W
Working Environments	Working temperature -30°C~+70°C, working humidity:10%~90%
Dimensions	219mm*124mm*205mm
Unit Weight	1.5Kg

Dimensions (mm)



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*Design and specifications are subject to change without notice.