Model P-P8U-DC4001W-K1ESV3R

Overview

The PLV module is a line scanning imaging integrated module that can capture ultra high speed (160Km/h) moving objects.

Equipped with a high-speed line scanning camera, the imaging accuracy can reach 0.6mm per pixel. Shooting distance from 500mm to 5000mm and beyond. It is connected to the user's PC through a gigabit network and transmits data in real-time. Users can use image recognition technology to achieve defect detection.

Moreover, it adopts an integrated shell, which can achieve IP67 level protection and has electromagnetic compatibility characteristics, suitable for various complex and harsh working environments.

Characteristics

Unique laser imaging technology with high resistance to sunlight interference.

Ultra high-speed line scanning camera acquisition meets the needs of high-speed moving object detection.

Integrated design for quick installation and debugging.

主要参数

Working Distance	☐ ≤1000mm	☐ 1000-2000mm	☐ 2000-3500mm	
	☑ 3500-5000mm	☐ 5000mm+		
Shooting Field of View	☐ ≤900mm	☐ ≤1200mm	☑ ≤2200mm	☐ ≤2800mm
	☐ ≤3200mm	☐ ≤4000mm		
Depth of Field Range	☐ ≤450mm	☐ ≤900mm	☐ ≤1200mm	☑ ≤1500mm
	☐ ≤2000mm			
Shooting speed	☐ 65km/h	☐ 80km/h	☐ 120km/h	☑ 160km/h
Pixel Precision	☐ 0.4mm	☐ 0.5mm	☑ 0.6mm	☐ 0.7mm
	☐ 0.8mm	☐ 0.9mm	☐ 1.0mm	
Imaging Color	☑ B/W	☐ Colour		
Camera Brand	☑ DALSA	☐ HIKVISION		
Cooling Mode	☐ Active	☑ Passive		

Other Parameters

Parameter	Unit	Typical Value
Safety Level		Class 4
Input	V	24
Input Current	A	6
Ambient Temperature	°C	+10 ~ +35
Storage temperature	°C	-20 ~ +60
Dimension	mm	190*105*285
Overall Weight	kg	8
IP Grade		IP67

Application Display
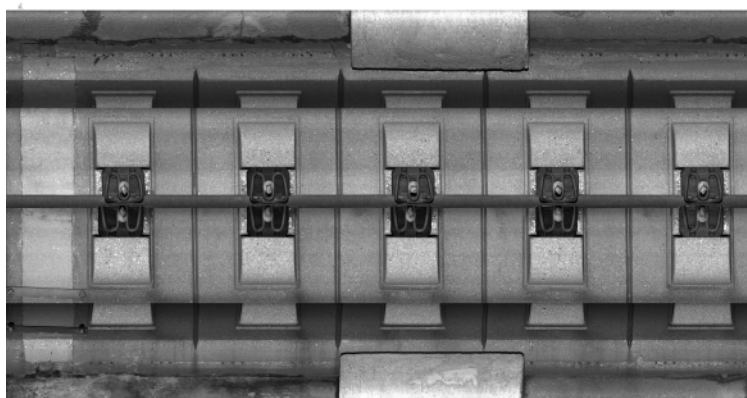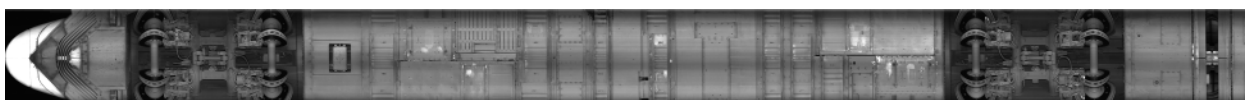
Dimensions（mm）
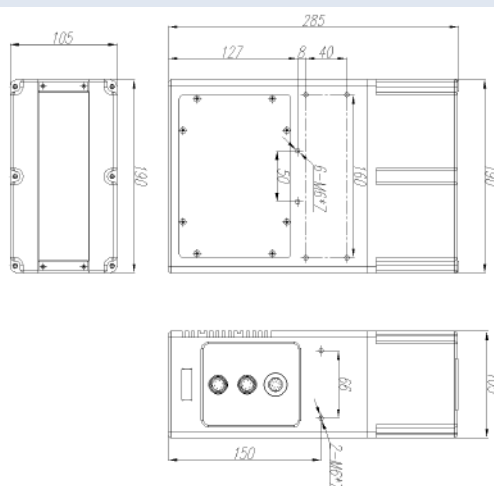
Caution

1. Please keep the laser emission port unobstructed and avoid eye exposure to the laser directly.

2. Please do not plug or unplug laser power plug with electricity to prevent laser breakdown.

3. Please contact the manufacturer promptly in case of any malfunction.
   Do not disassemble it to avoid damaging internal precision components.

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