CZCMF28D MIPI/DVP camera module test unit

The CZCMF28D Camera Module Tester is a cost-effective solution designed for CIS chip module testing. It supports MIPI D-PHY and DVP interfaces, enabling dual-camera testing with various configurations such as MIPI+MIPI, MIPI+DVP, DVP+MIPI, or DVP+DVP.

Camemake (www.camemake.com) provides the CZCMF28D as a service device for development and quality control, enhancing its accessibility and utility for businesses and developers in the field.

Shenzhen CZTEK Co., Ltd. (CZTEK), founded in May 2013, is a national high-tech enterprise focusing on semiconductor testing technology innovation. The main products include Semiconductor Testers, Automatic Optical Inspection (AOI) and Precision Detection Equipment, Camera Module Test Devices, and High-Speed Smart Network Cards, which have been commercially applied widely.

Features

- Dual-camera simultaneous operation with flexible interface configurations.
- High-speed MIPI D-PHY interface supporting up to 2.5Gbps per lane.
- Multiple power and current testing channels for each sensor.
- Comprehensive electrical measurement capabilities including OS and leakage testing.

Technical Specifications

- Dimensions: 152x120x27.5mm.
- Power Input: DC 12V 2A.
- Supports dual-camera operation with MIPI+MIPI, DVP+MIPI, MIPI+DVP, and DVP+DVP configurations.
- Maximum MIPI D-PHY speed: 2.5Gbps/Lane.
- Configurable I2C speed: 100kHz to 1MHz.
- Sensor input clock: 1MHz to 100MHz.
- Adjustable sensor IO voltage: 1.2V to 3.3V.
- Independent adjustable power supplies and current testing channels for each sensor.
- RJ45 Ethernet port supporting up to 10Gbps for high-speed data transfer.

Software Functions

- Comprehensive software support for various sensor configurations and electrical measurements.

Dimensions