

**F7V4**

CMOS Image Sensor Tester

isMedia, technical-oriented CMT manufacturer, has been regarded as the best solution provider in the industry through developing requested valuable technology with a long experience-based competitive laboratory. isMedia testers, globally proved, take share 20% of worldwide various type camera modules' function verification through interoperability among all of the existed communication protocols & image sensors' characters

- I. Wafer Level Package Full Auto Tester
- II. 6 Test Zones – High UPH
- III. JEDEC Tray
- IV. Detailed & Summarized Test Report
- V. Proved System – Best Seller of WLP Tester.



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System Specification

Size & Weight	550 x 740 x 950 (W x D x H) & 2.3t
Main Processor	Intel Core 2 Duo 3.0 GHz/L2 cache
Memory/Hard Disk	2GB, 160GB
Monitor	17 inch
Operating System	Microsoft Windows XP, Windows 7 (32bit)
Local Bus	PCI-E(1CH) camera-link grabber

Wafer Level Package Tester Specialist

Open short test	Check sync (video signal)
Leakage test	Defect
Standby current (H/W, S/W)	Particle
Dynamic current	Optical center

Achieve High UPH by 6 Testers Inside

6 Tester combined efficiently enable mass wafer level package testing
 Full automated test system.
 Required only one time contact to finish all kinds of test

Applicable Camera Module Type

CIS package

H/W Specification

Interface with PC	Camera link(Base)for video USB2.0 for control
Supported Video Format	8bit to 16bit Bayer(8/10/12/14/16) 8bit or 16bit YUV4:2:2 8bit or 16bit RGB888/RGB565
Supported Control Bus	Standard I2C NON-standard I2C (16bitaddress,16bitdata,Programmable latency etc) SCCB
Video Transfer Rate (Supported Pixel Clock Frequency)	Up to 240Mb/Sec
Supported Video Resolution SMIA & MIPI Support	Up to 16M pixels resolution SMIA(650MHz) MIPI converter(500MHz at 2-Lane)
Master Clock Supply	1.0M~68MHz / 0.1MHz step