

M8AF



Camera Module Tester Series

isMedia is doing its best to develop products ranging from research development for camera test equipment's to custom-built equipment's through pre-discussion.

Feature

Manual Tester
AF Calibration (OTP, EEPROM Writing)
Electrical Test Available (Current, Leakage)
Auto Focus & Fixed Focus Test Available

Broaden Coverage of Function Verification

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

Innovative & Compact Design

Attachable additional board structure. (SMIA, MIPI 2lane)
Upright Posture Test as usual usage at mobile phone
High space efficiency structure of two functional charts
CL636 Collimator Lens enable high resolution camera test in a small machine



Applicable Camera Module Type

Cube type
FPCB type

Head Office

#1701~1706 Daeryung Techno Town 15 Cha
224-5 Gwanyang-dong, Dongan-gu,
Anyang-si, Gyeonggi-do, Korea
Tel +82-31-427-8411
Fax +82-31-463-3734
E-mail sales@ismedia.co.kr
www.ismedia.co.kr

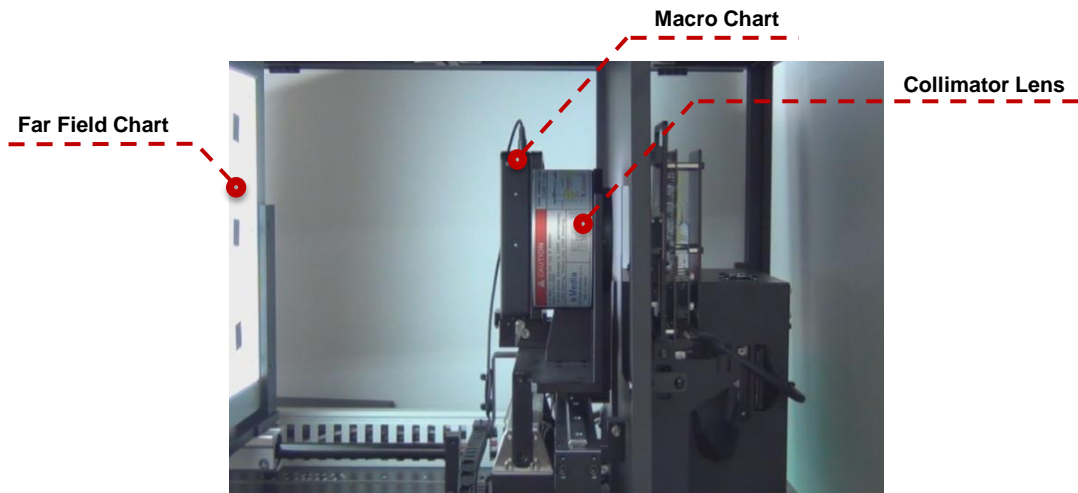
ShenZhen Office

B-20P, CaiFuGuangChang-Bldg, CheGongmiao,
Futian-qu, ShenZhen-City,
Guangdong, China
Tel +86-755-8298-7120(CN)
+86-137-2345-9676(CN)
E-mail jakim@ismedia.co.kr
www.ismedia.co.kr

is Media

System Specification

Size / Weight	460X620X890 (WxDxH) mm / 60Kg
Utility	CDA 0.5MPa, Power 220V ±5% 60Hz
Illumination	ML202 : Macro (Near Field) LED illuminator 202x150 FL440 : Far Field LED illuminator 440x345
Collimator Lens	CL-636 / Focal Length : 36mm
Control Axis	2 Cylinder
Chart	2 Charts system (Far, Near)
Main Processor	Intel Core 2 Duo 3.0 GHz
Memory/Hard Disk	2GB, 250GB
Monitor	17 inch
Operating System	Microsoft Windows XP, Windows 7 (32bit)
Local Bus	PCIe camera-link grabber (1ch)



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 (16bit address,16bit data, Programmable Latency etc) SCCB
Video Transfer Rate (Supported Pixel Clock Frequency)	Up to 240MB/Sec
Supported Video Resolution	12Mp resolution camera modules are verified Now study for Higher Resolution is ongoing
SMIA & MIPI Support	SMIA(650Mbps) 2 lane MIPI converter(800Mbps per lane) (Optional 4 lane MIPI converter – 800Mbps per lane)
Master Clock Supply	1.0M~68MHz / 0.1MHz step