

# N'VIEW



## 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

- CMOS Camera Viewer
- MIPI/SMIA Applicable (Option Board)
- EIAJ/SFR Test Available (Option S/W)
- Notebook PC (Option Grabber)
- All existed CIS Module Applicable (Option Socket)

### Best Solution for R&D

- High Resolution CIS camera module viewer (12M)
- Camera configuration file can be applied to all the isMedia machine
- Portable (Small & Light)
- Support parallel, MIPI (1/2/4 lane) & SMIA interface

### Compatible Control Bus

- Standard I2C
- Non-standard 12C (16bit address, 16bit data)
- Programmable latency etc)
- SCCB (for OVT)
- CCI (for CCP2)

### Compatible Video Bus

- 8bit to 16bit Bayer (8/10/12/14/16)
- 8bit to 16bit YUV 4:2:2
- 8bit to 16bit RGB888 / RGB565



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**is Media**

## H/W Specification

<b>Interface with PC</b>	USB 2.0 for Control Camera Link (Base) for video (MINI CL)
<b>Supported Video Format</b>	8bit to 16bit Bayer(8/10/12/14/16) 8bit or 16bit YUV4:2:2 8bit or 16bit RGB888/RGB565
<b>Supported Control Bus</b>	Standard I2C NON-Standard I2C (16bit address, 16bit data, Programmable Latency etc) SCCB
<b>Video Transfer Rate (Supported Pixel Clock Frequency)</b>	USB 2.0 Rate Up to 240MByte/sec
<b>Supported Video Resolution</b>	Under 12M pixels resolution Camera Link Under 5M pixels resolution USB
<b>SMIA &amp; MIPI Support</b>	CCP(SMIA 650MHz) MIPI converter(500MHz at 2 Lane)
<b>Master Clock Supply</b>	1.0M~68MHz / 0.1MHz step
<b>Power Supply</b>	Channel : 1~4 channel Voltage : 1.5~4.2V / +-0.1% under Current : 800Ma / +-0.5% under Power consumption : 12Mv External 5V / 3A DC power supply
<b>Video Transfer Format</b>	Parallel(default) MIPI 2 lane(optional) MIPI 4 lane(optional) SMIA(CCP2)(optional)
<b>Supported Operating System</b>	Micro Windows XP, Windows 7(32bit)