ISG Networked Intelligent Cameras

Imaging Solutions Group

- **1.3 MegaPixel array with on-board JPEG Compression**
- **10/100 Ethernet & NTSC/PAL Outputs**
- **On-Board FPGA & Processor for Easy Customization**
- **Compact Size & Low Cost. Designed for OEM Applications**
- **Field Upgradeable**

The ISG Networked camera is an excellent solution to low-cost, high performance applications. This camera is designed with the OEM in mind and is provided in a small footprint for requirements with tight space constraints. The on-board JPEG compression coupled with the 10/100 Ethernet Port allows for high resolution imaging over the Internet. **Available 3Q2005**

All camera controls are done through software, which includes a fully programmable dynamic range/gamma control LUT for any desired response curve. An on-board image buffer is also featured in these cameras. All cameras offer opto-isolated programmable I/O for triggering and strobe control capabilities. User-programmable controls include integration time, gain adjustments, offset, bit depth and data rate.   These cameras come packaged with drivers, GUI Control software and a user's manual. Support for Windows 2000 & XP & LINUX.

	LW-1.3-S-Ethernet
Imaging Device:	1.3 Megapixel CMOS
Sensor Used:	Micron MT9M001
Sensing Area:	6.7mm x 5.3mm (1/2"format)
Pixel Size:	5.2 micron square
Pixels (H x V):	1280 x 1024
Pixel Depth:	10 / 30 bit (mono / color)
On-Board Image Buffer	16MB for mono & 32MB for color
Camera Control:	Via Software
Frame Rate:	30fps (1280x1024), 90+fps VGA
Exposure Control:	Fully programmable
Shutter:	Synchronous Shutter
Synchronization:	External or via software
S/N Ratio:	> 60 db
Video Output:	10/100 Ethernet and NTSC/PAL
Lens Mount:	C or CS-Mount
Mounting:	Via ¼-20 mounting adapter
Power Requirement:	Via external 12V power supply
Vibration (10-2K Hz):	7G
Shock:	70G
Dimensions (HxWxL):	38mm x 51mm x 72mm
Weight:	176g
Operating Temp.:	-10^0 C to 85^0 C
Monochrome:	Yes
Color:	Yes
Pricing:	Call **ISG**

Applications include: Security & Surveillance   Internet Monitoring

Imaging Solutions Group   **585-388-5220**   **http://www.ISGCHIPS.com**