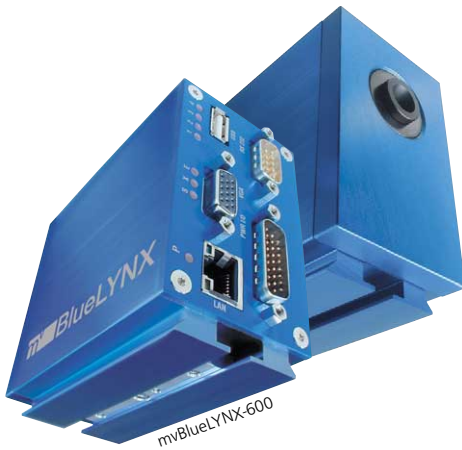


See your World
through a
new Eye.



- versatile, powerful video sensor and intelligent camera
- compact Embedded Linux OS with optimum network integration
- mvIMPACT as well as different standard solutions available
- C/C++ - software - development environment on standard PC
- area and line scan sensor versions available



mvBlueLYNX

more and up-to-date infos see ▼

www.matrix-vision.com/mvBlueLYNX

The new mvBlueLYNX design with its fast PowerPC processor covers video sensor and intelligent camera applications.

Easy development and smooth integration in your network offer a significant reduction of time-to-market for image processing solutions.

The compact, integrated design forms the base for reliable usage in harsh environments.

Features
mvBlueLYNX - 600 series
▶ PowerPC - CPU 400 MHz with MMU & FPU
▶ 64 MB SDRAM, 36 MB FLASH for OS and applications
▶ CMOS/CCD sensors, gray or color, 640 x 480 .. 1600 x 1200 pixels
▶ line scan sensor, 512, 1K and 2K pixels available
▶ CCD with trigger input and add. illumination connector
▶ image acquisition with DMA
▶ C-mount lens, optional integrated lens
▶ 10/100 Mbit Ethernet LAN interface
▶ XGA 8 bit output, TV on request
▶ dig. I/O to PLC/SPS and peripherals
▶ USB 1.1, 2 serial interfaces
▶ power supply 12..24 V DC, typ. 10 W
▶ size without lens (w x h x l): 50 x 88 x 101 mm
mvBlueLYNX - 400 series
▶ PowerPC - CPU 200 MHz with MMU & FPU
▶ 32 MB SDRAM, 36 MB Flash for OS and applications
▶ SVGA 8 bit output
mvBlueLYNX - 200 series
▶ PowerPC - CPU 133 MHz with MMU & FPU
▶ 20 MB Flash for OS and applications
▶ SVGA 8 bit output

Application areas	
General purpose	
▶ replaces complete PC based image processing systems	
▶ replaces div. sensors: light barriers, color sensors, laser sensors	
▶ replaces central image processing systems with many cameras by distributed intelligence	
Machine Vision	Security/Surveillance
▶ 2D/3D - measurement	▶ video sensors
▶ OCR, OCV	▶ motion detection
▶ barcode reader	▶ video compression
▶ data matrix code reader	▶ image transfer via LAN
▶ pattern recognition	▶ digital alarm I/Os
▶ color control	
▶ production control	
▶ robotics	
▶ inspection	

Legal notice: The contents of this brochure are intended to provide information only and to show possible examples. We reserve the right to change technical data and construction at any time without prior notice. The technical specifications of customer systems and of our current products have to be clarified when ordering. Date 02/2005



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