



FEATURES

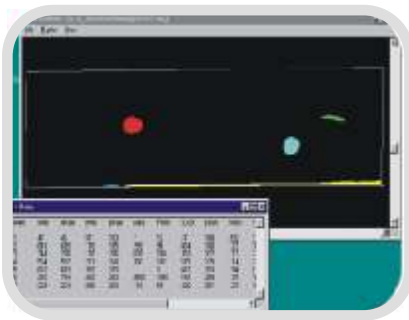
- High resolution digital cameras
- Progressive CCD BW and Color
- Line Scan and Area Scan available
- High speed CMOS cameras
- High performance FPGA for pre-processing
- CAMERA Link base configuration, 10 bit
- Binning functions
- Low power consumption
- Superior price-performance



Area and Line Scan cameras

Typical Applications

Web Inspection



Inspection



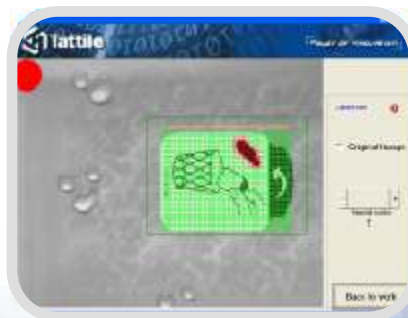
Blob Analysis



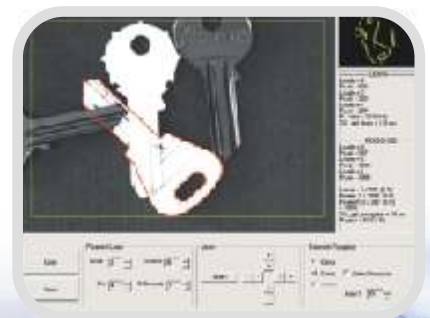
Color Analysis



Surface Inspections



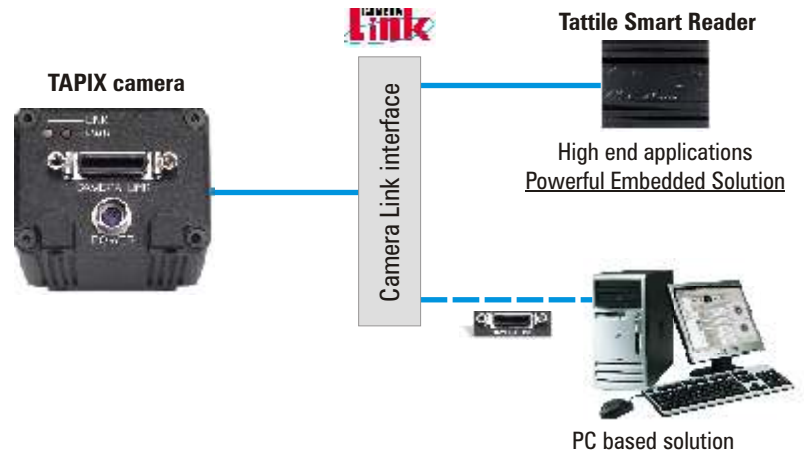
Pattern Recognition



Camera Link Specifications

CAMERA LINK STANDARD			
Pin out	Description	Pin out	Description
1	Logic GND via 0 ohm resistor	14	Logic GND via 0 ohm resistor
2	X0 -	15	X0 +
3	X1 -	16	X1 +
4	X2 -	17	X2 +
5	X clk -	18	X clk +
6	X3 -	19	X3 +
7	SERTC +	20	SERTC -
8	SERTFG -	21	SERTFG +
9	CC1 -	22	CC1 +
10	CC2 +	23	CC2 -
11	CC3 -	24	CC3 +
12	CC4 +	25	CC4 -
13	Logic GND via 0 ohm resistor	26	Logic GND via 0 ohm resistor

Kinds of configuration



Wide range of Area and Line Scan cameras



Model LBD 2048@16000



Model LCD 2048@9000



Model TAPIX LBD 8000@14000

TAPIX CAMERA (Area Scan Models)			
MODEL	RESOLUTION	fps	Sensor Size
TAPIX MBD 640@60	640x480 BW	60	CCD 1/3"
TAPIX MCD 640@60	640x480 Color	60	CCD 1/3"
TAPIX MBD 1000@20	1024x768 BW	24	CCD 1/3"
TAPIX MCD 1000@20	1024x768 Color	24	CCD 1/3"
TAPIX MBD 1400@7,5	1360x1024 BW	7,5	CCD 1/2"
TAPIX MCD 1400@7,5	1360x1024 Color	7,5	CCD 1/2"
TAPIX MBD 1400@15	1360x1024 BW	15	CCD 2/3"
TAPIX MCD 1400@15	1360x1024 Color	15	CCD 2/3"
TAPIX MBD 1600@12	1600x1200 BW	12	CCD 1/1.8"
TAPIX MCD 1600@12	1600x1200 Color	12	CCD 1/1.8"
TAPIX MBD 1600@30	1600x1200 BW	30	CCD 4/3"
TAPIX MCD 1600@30	1600x1200 Color	30	CCD 4/3"
TAPIX MBM 640@200	640x480 BW	200	CMos 1/2"
TAPIX MBM 1300@500	1280x1024 BW	500	CMos 3/4"
TAPIX CAMERA (Line Scan Models)			
TAPIX LBD 8000@14000	8160 BW	14000 lines/s	
	4080x3 Color	7000 lines/s	
TAPIX LCD 2048@9000	2048x3 Color	9000 lines/s	
TAPIX LBD 512@70000	512 BW	70000 lines/s	
TAPIX LBD 1024@34000	1024 BW	34000 lines/s	
TAPIX LBD 2048@16000	2048 BW	16000 lines/s	