

1/1.8" UXGA
MONOCHROME
CAMERA LINK



1/1.8" MONOCHROME CCD VISION CAMERA AT 30 FPS



SPECIFICATIONS	
RESOLUTION	UXGA
SENSOR TYPE	1/1.8" SONY ICX274AL CCD
FRAME RATE	30, 41-70 @ FULL, PARTIAL
POWER CONSUMPTION	4.0W
INPUT VOLTAGE	DC+12V ±10% (Max 15V)
OPERATING CONDITIONS	0°C ~40°C @ 20~80% HUMIDITY
WEIGHT	140g
LENS MOUNT	C MOUNT
OPTICAL AXIS ACCURACY	Less than (Pixel Center) ±0.1mm
VIDEO OUTPUT SIGNAL	Digital 8bit/10bit (switchable)
NUMBER OF EFFECTIVE PIXELS	1628 (H) x 1236 (V)
HORIZONTAL SCAN FREQUENCY	37.5KHz
PIXEL CLOCK	72MHz
PIXEL SIZE	4.4 x 4.4 (µm)
MINIMUM ILLUMINATION	F1.4 @ 3lx
SENSITIVITY	F5.6 @ 400lx
STANDARD COLOR TEMPERATURE	5600°K, 9000°K
GAIN SWITCHING	0dB, - +6dB, , +12dB MANUAL (0dB - +12dB)
ELECTRONIC SHUTTER	OFF ~ 1/100000 sec.
SYNC. METHOD	Internal Sync. External Sync. HD/VD
EXTERNAL TRIGGER	Fixed Shutter Exposure/Pulse Width Exposure
PARTIAL SCAN	-
GAMMA COMPENSATION	DEFAULT OFF
CONTROL INTERFACE	CAMERA LINK/ RS232C (Optional)

