

**CAMERA DIGITALE 1.4MP
CCD TP1440
COOLED
CON
SENSORE 1/2"
SONY ICX205**



RAFFREDDAMENTO A CELLA DI PELTIER

CARATTERISTICHE

- CCD B/N-COLORE DA 1/2" SONY ICX205
- SCANSIONE PROGRESSIVA
- CONVERTITORE A/D DA 12-BIT PARALLELO
- SENSIBILITA' 450-400mV 1/30sec
- RISOLUZIONE 1360X1024
- VELOCITA' 15 fps
- RANGE DINAMICO 70dB
- RAPPORTO S/N 70 dB
- ATTACCO PASSO "C"
- ESPOSIZIONE 0.22ms - 240s
- BILANCIAMENTO BIANCO auto/man.
- AUTO ESPOSIZIONE auto/man.
- USB 2.0 ALTA VELOCITA'
- CORPO IN ALLUMINIO ANODIZZATO
- DIMENSIONI 68X68X50 mm

CCD TP1440

SPECIFICHE

Model	TP1440CL Color CCD 1.4 MPixels Cooled C-Mount	TP1440ML B/W CCD 1.4 MPixels Cooled C-Mount
Image Sensor	SONY 1/2" ICX205AK (Diagonal 8.0mm) Color	SONY 1/2" ICX205AL (Diagonal 8.0mm) MonoChrome
Scan Mode	Progressive	Progressive
Pixel Size	4.65µm x 4.65µm	4.65µm x 4.65µm
Color Rendering Technique	Ultra FineTM Color Engine	Monochrome
A/D Converter	12-bit Parallel, 8-bit R.G.B to PC	12-bit Parallel, 8-bit R.G.B to PC
G Sensitivity	400mV with 1/30s Accumulation	450mV with 1/30s Accumulation
Max Resolution (Hardware)	1360X1024 (Approx. 1400,000 Pixels)	1360X1024 (Approx. 1400,000 Pixels)
Speed (Depends on the PC)	15fps @1360 x 1024	15fps @1360 x 1024
Dynamic Range	70dB	70dB
SN Ratio	70dB	70dB
Wave Length(nm)	380-650nm (IR-Cut added)	380-650nm (IR-Cut added)
Exposure	0.22ms~240s, ROI Auto & Manual	0.22ms~240s, ROI Auto & Manual
White Balance	One Push ROI WB/Manual Temp.Tint Adj	One Push ROI WB/Manual Temp.Tint Adj
Auto-exposure	Automatic / Manual	Automatic / Manual
Digital Interface	USB2.0	USB2.0
Shutter Control	Electronic shutter	Electronic shutter
Peak Quantum Efficiency	35%	35%
Readout Noise	12e-	12e-
Extinction Ratio	N/A	N/A
Smear	0.001%	0.001%
Linearity	Better than 99%	Better than 99%
Cooling System	TE-Cooled CCD - 20 °C below ambient temperature Passive Cooling (Fanless) no moving parts	TE-Cooled CCD - 20 °C below ambient temperature Passive Cooling (Fanless) no moving parts
Programmable Control	Image size, brightness, gain, contrast, gamma, saturation, exposure time	Image size, brightness, gain, contrast, gamma, saturation, exposure time
Working Temperature	10°C ~ 50°C	10°C ~ 50°C
USB Cable	USB cable, length 2.5m	USB cable, length 2.5m
Power Supply	DC 5V over PC USB port for Camera External power adapter for cooling system, DC4.5V, 1A	DC 5V over PC USB port for Camera External power adapter for cooling system, DC4.5V, 1A
Camera Body	Metal body painted in black square shape, 68X 68 (mm) with Tripod socket	Metal body painted in black square shape, 68 X 68 (mm) with Tripod socket

Tutti i dati sono soggetti a variazioni senza preavviso od obblighi da parte del produttore