

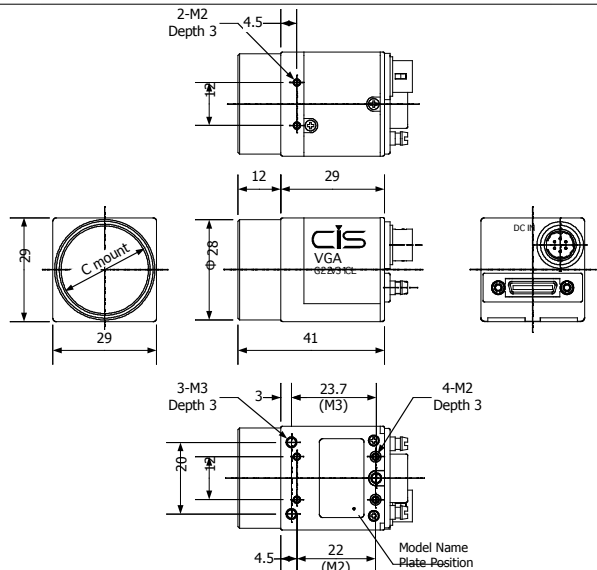
VISION:mini™

VCC-G22V31CL

1/3" VGA
MONOCHROME
CAMERA LINK



1/3" VGA MONOCHROME CCD VISION CAMERA AT 120 FPS



29mm ²	B&W	MINI CL	EXT TRIGGER	PULSE TRIGGER	PARTIAL SCAN
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SPECIFICATIONS

RESOLUTION	VGA
SENSOR TYPE	1/3" SONY ICX 274AL CCD
FRAME RATE	120, 120-360 @ FULL, PARTIAL
POWER CONSUMPTION	2.5W
INPUT VOLTAGE	DC+12V ±10% (Max 15V)
OPERATING CONDITIONS	0°C ~40°C @ 20~80% HUMIDITY
WEIGHT	APPROXIMATELY 50g
LENS MOUNT	C MOUNT
OPTICAL AXIS ACCURACY	Less than (Pixel Center) ±0.6mm
VIDEO OUTPUT SIGNAL	Digital 8/10bit (switchable)
NUMBER OF EFFECTIVE PIXELS	659(H)×494(V)
HORIZONTAL SCAN FREQUENCY	62.936KHz
PIXEL CLOCK	49.090 MHz
PIXEL SIZE	7.4×7.4(μm)
MINIMUM ILLUMINATION	F1.4 2.5lx
SENSITIVITY	F4 400lx
STANDARD COLOR TEMPERATURE	3200°K
GAIN	0dB, +6dB, Manual (-1dB - +12dB)
ELECTRONIC SHUTTER	OFF-1/40000sec.
SYNC. METHOD	Internal Sync. External Sync. HD/VD
EXTERNAL TRIGGER	Fixed Shutter Exposure/Pulse Width Exposure
PARTIAL SCAN	1/2, 1/4, 1/6 SCAN
GAMMA COMPENSATION	DEFAULT OFF (OPTIONAL 0.45)
CONTROL INTERFACE	CAMERA LINK/RS232C

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