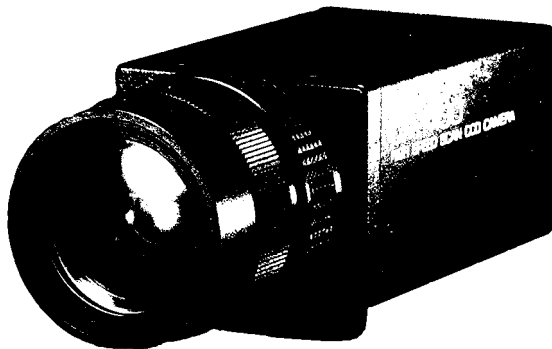


DOUBLE SPEED SCANNING  
CCD VIDEO CAMERA

# CV-M30

1/2" HIGH RESOLUTION

- Double speed scanning (Horizontal/Vertical)
- Partial scanning (1/2 or 1/4 area)
- External random trigger shutter
- 2:1 interlace or non-interlace
- C-Mount
- Rugged construction



Lens : Option

**COPCO GROUP**

# CV-M30

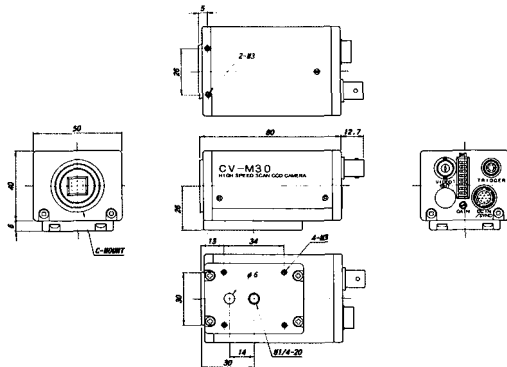
## DOUBLE SPEED SCANNING

### 1/2" HIGH RESOLUTION, MONOCHROME CCD CAMERA

The CV-M30 is the camera specially designed for a high speed image analysis, featuring double speed H/V scanning and partial scanning for 1/2 area or 1/4 area.

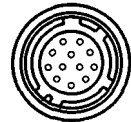
CCD Sensor	1/2" Interline-Transfer type
Number of elements	766 (H) X 494 (V)
Scanning area	6.33mm X 4.89mm (equivalent to 1/2" image size)
Scanning frequency	31.5KHz (Horizontal), 120Hz (Vertical)
Scanning system	1) 2 : 1 interlace for normal scan and double speed scan 2) Non-interlace for full scan, 1/2 partial scan and 1/4 partial scan.
Video output	VS 1.0Vp-p. 75 ohms impedance
Resolution	Horizontal : 560 TV Lines Vertical : 350 TV Lines (in field storage mode)
S/N ratio	50dB or better (AGC OFF, GAMMA=1.0)
Synchronization	1) Internal (2 : 1 interlace or non-interlace, switchable) 2) External by HD&VD (2 : 1 interlace or non-interlace, automatically switched.) 3) External random trigger.
Gamma correction	1.0 or 0.45 switchable
Electronic shutter	Normal shutter : 1/60-1/10,000 sec. Random shutter : 1/60-1/600,000 sec.
Environment	Temperature : -10°C ~ +/-50°C (14°F-122°F) Humidity : 20-80% (Non condensed)
Power requirement	+12VDC +/-10%
Lens mount	C-Mount
Weight	240 g (0.536lbs approx.)
Dimensions (WxHxD)	50X40X60mm (1.97X1.57X3.15 inch approx.)

#### DIMENSIONS



UNIT : MM (INCH APPROX)

#### MULTI-CONNECTOR



- Pin#1 GROUND
- #2 +12VDC POWER
- #3 GROUND
- #4 VIDEO OUT
- #5 GROUND
- #6 EXT. HD
- #7 EXT. VD
- #8 GROUND
- #9 EEN PULSE OUT
- #10 GROUND
- #11 +12VDC POWER
- #12 GROUND

All specifications are subject to change without notice.

## COSTAR COMPANY LTD.

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