

# NET145LA

*Always a new perspective*



# NET145LA

**NET145LA**

[www.net-gmbh.com](http://www.net-gmbh.com)

## **EIA-644 (LVDS) Digital CCD Camera**

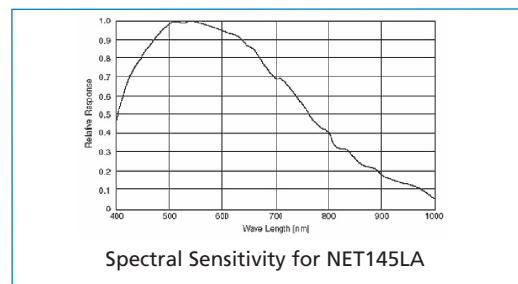
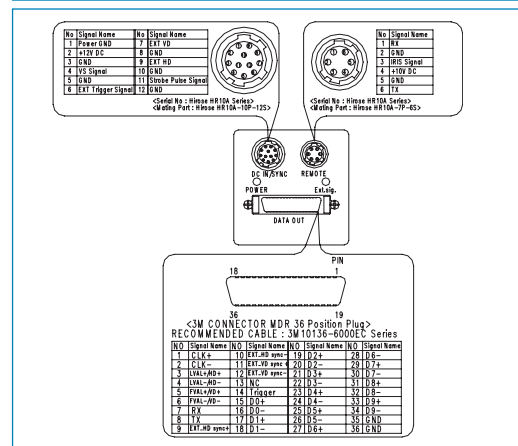
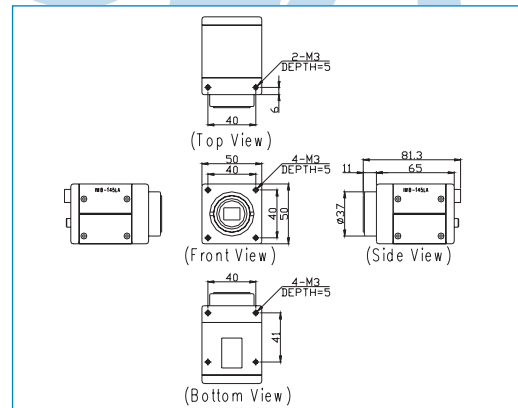
- *2/3" Progressive Scan CCD Image Sensor*
- *Resolution 1,450,000 (square pixel) SXGA*
- *EIA-644 (LVDS) Interface*
- *Hard-/Software Trigger*
- *External Trigger*
- *Analog Output*
- *Framerate 15fps*
- *Camera setting via EIA-644 (LVDS) Interface*
- *Solid and highly shock-resistant camera casing*
- *Application:*
  - *Machine Vision*
  - *Factory Automation*
  - *Quality Control*

**NET**  
NEW ELECTRONIC TECHNOLOGY

# Technical Data

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NET145LA (B/W)	
Image Device	2/3" IT CCD ICX285AL
Effective pixel	1,450,000 pixel, 1392 (H) x 1040 (V) SXGA
Data path	10bit
Pixel size	6.45 (H) x 6.45 (V) $\mu\text{m}$
Image area	10.2 (H) x 8.30 (V) mm
Scanning System	Progressive Scan
Frame rate	15 fps full pixel read out
Aspect Ratio	4 : 3
Synchronization	External
Digital Interface	EIA-644 (LVDS) or RS-422, RS-232C
Video Output	Analog / Digital
Flange Focal Dist.	17.526 mm
Gain control	Auto or Manual
Gamma	1.0
Min. Illumination	0.5 lux @ F 1.4
S/N ratio	50 dB or better
Power supply	12 VDC
Power consump.	500 mA
Trigger mode	External Trigger
Shutter Speed	20 $\mu\text{s}$ - 66 ms
Lens mount	C-mount
Dimension	50 (W) x 50 (H) x 76 (D) mm / Approx. 330g
Operation Temp.	-10 to + 50° C, 20 - 90% rel., non cond. Humidity
Storage Temp.	-20 to + 60° C, 20 - 70% rel., non cond. Humidity



**Accessories:** • Tripod Adapter Plate • Trigger Cable 12-pin • Serial Interface Cable

## Contact

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