

FOculus

Always a new perspective



FO113T

FO113T

www.net-gmbh.com

IEEE1394 Digital CCD Camera

- *1/4" Progressive Scan CCD Image Sensor*
- *Resolution 330,000 (square pixel) VGA*
- *IEEE1394.a acc. IIDC v.1.3 Interface*
- *FO113T = Color*
- *Framerate 30fps*
- *Camera setting via IEEE1394 Interface*
- *Solid and highly shock-resistant camera casing*
- *Application:*
 - *Machine Vision*
 - *Factory Automation*
 - *Quality Control*
- *Application Software included*
- *SDK optional*

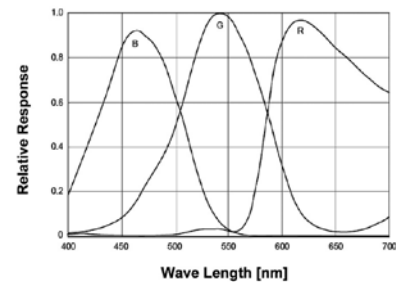
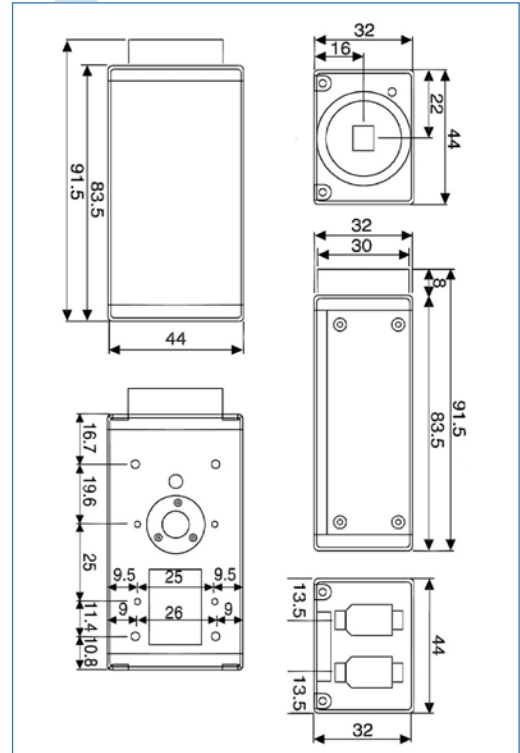

NEW ELECTRONIC TECHNOLOGY

Technical Data

FO113T

FO113T (Color)

Image Sensor	1/4" IT CCD ICX098BQ
Effective Pixel	330,000 pixel, 659 (H) x 494 (V) VGA
Data path	RGB 24bit, Y800, YUV 4:1:1, YUV 4:2:2, YUV 4:4:4,
Pixel size	5.60 (H) x 5.60 (V) μm
Chip size	4.60 (H) x 3.97 (V) mm
Scanning System	Progressive Scan
Frame rate	30 fps
Synchronization	Internal
Digital Interface	IEEE1394a
Software Interf.	Acc. IIDC v. 1.3
Gain control	Auto
Gamma	1.0
Min. Illumination	20 lux @ F2.0
S/N ratio	56 dB or better
Power supply	12 VDC via the IEEE1394 cable
Power consump.	approx. 85 mA
Transfer rate	400 Mbps
White Balance	Auto or Manual
Shutter Speed	0.3 ms - 33 ms
Lens mount	C-mount
Dimension	44 (W) x 32 (H) x 92 (D)mm / Approx. 200g



Spectral Sensitivity for FO113T

Accessories: • IEEE1394 cable, 6-pin • SDK (Software Development Kit) • OHCI Card • Tripod Adapter Plate

Contact

New Electronic Technology
Vertriebsgesellschaft mbH
Lerchenberg 7 • D-86923 Finning

Fon +49 8806 92 34-0
Fax +49 8806 92 34-77
info@net-gmbh.com

www.net-gmbh.com

NET USA, Inc.
3037 - 45th Street
Highland, IN 46322

Fon +1 219 934 90 42
Fax +1 219 934 90 47
info@net-usa-inc.com

www.net-usa-inc.com

