

StarLight15X

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Compact 15" TFT-Display
with XGA-Resolution 1024x768
for PC-Graphics and Video-Signals

At the development of the Nickl StarLight series all experiences made with the SunLight series are collected. Then the main features of them are inherited in order to offer a very cost-effective display.

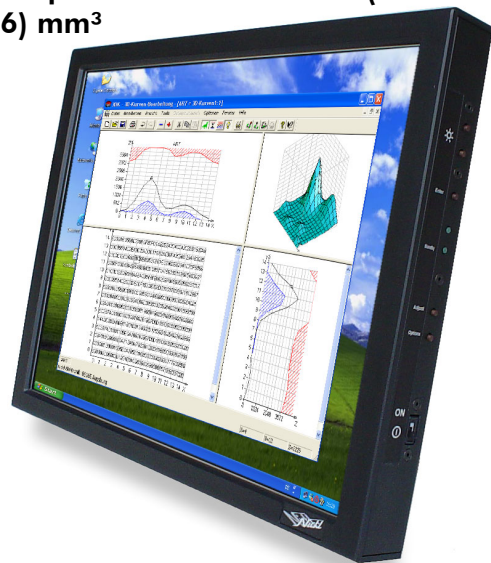
In that way, the largest model StarLight15X was developed for cost-sensitive applications. It offers all what is necessary to work effectively in the research and development on automobiles. For example its resolution of 1024 x 768 dots allows working with graphical user interfaces and its high brightness of 400 cd/m² eases reading the display content. Even mixed application with PC graphics and camera is possible because the user can select between the inputs.

Its very compact outer dimensions and the available accessories ease the integration on most places and a direct connection to the automotive mains eliminates the need of a DC/DC converter.

Applications:

- Research and development of vehicles
- Testing chassis dynamic and brake systems
- Process Visualisation
- Visualising of data when measuring environmental data by use of aeroplanes
- Supervisory

- High brightness of 400cd/m²
- Supports PC-Graphics and Video
- Separate inputs for PC and Video selectable for image processing purposes
- Wide supply range of 9..36V DC
- Compact outer dimensions (346 x 266 x 36) mm³



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Displays are our
business...

StarLight15X

Technical Data

Display	381 mm (15.0 "), active area (304.13 mm x 228.1) mm ²
Resolution	1024x768 pixels
Brightness	5...400 cd/m ² , up-/down-keys, automatic adaption to environmental brightness
Optical characteristics	Contrast: 500:1, response time rising/falling: 20/20ms
Technology	TFT-Stripe-RGB, 8-bit per color (16 Mio colors)
Video Inputs	DOS Text, VGA 640x480, SVGA 800x600, XGA 1024x768, 56..85 Hz, RGB analog, 0,7Vpp, DC-Restore, H- und V-Sync NTSC, PAL, SECAM als S-Video, 75 Ohm
Touch Panel	on request for higher volume
Power Supply	9..36 V, no galvanic de-coupling, polarity-save typ. 26 W at full brightness, power-down on loss of video signal
Connectors	1. PC graphics 15-pin HD D-Sub receptacle 2. S-Video Mini-DIN 4 3. Supply: 5-pin D-Sub Header 4. Touch panel: 9-pin D-Sub header optional
Case	Polystyrol black, further colors on request WxHxD: (346 x 266 x 36) mm ³
Operating temperature	0..+55 °C
Storage temperature	-25..+60 °C
Mass	2340 g

Accessories

- 1EMXTDH-x
Holder for car and laboratories
- 1EZKA-DB9BAN5-x
Cable for power supply with two banana plugs,
L=2m or 7m
- 1EZKA-HS15HS15-x-HQ
Video signal cable with ferrite bead, L=1,5m, 2m,
5m, 7m or 10m
- 1EZPAS-DB5
Power connector, D-Sub5 high-current, receptacle for
soldering

Order Codes

- 1EMSL15X
TFT-Display, 15", StarLight15X, 1024x768, Vin=9..36V,
400cd/m², multivideo inputs, particular for mobile use
- Further variants on request -

