

# VersaLight65V

**New**  
VersaLight65V

Versatile Display for Measurement  
with full VGA-640x480 Resolution  
and Trigger-Button, Control-I/O's,  
Speaker ++ compact and bright ++

For the mobile measuring technology in test and long-term running vehicles "VersaLight65V" VGA TFT display was developed. The focus was held on visualization, operation ergonomics and acoustic signaling stood when measuring with a data logger. The bright and contrast-rich display can process signals with VGA resolution brilliantly. In addition, the magnifier allows showing screen areas either stretched to full screen or mapped pixel-accurately. The high-brightness backlight can be dimmed down to low brightness, allowing operation at darkness.

Events can be triggered easily by operating the large sensor button at the top of the case. The sensitivity of this button can be adjusted.

With an input signal, one of 5 built-in, loud sounds can be played in order to notify the driver of certain events.

At the back-side connector, a few I/O signals are available to control the magnifier, backlight on/off etc.

Possible Applications:

- Display for data logger with VGA resolution
- Operational unit with 1..3 buttons and monitor
- Compact VGA display with Speaker

- High-brightness VGA-TFT-Display
- Sensor Button for Trigger/Start
- Integrated Speaker with built-in Sounds
- 5+4 I/O-Control Signals
- Mounting via Ball Joint or Flexible Neck



6.5"  
640x480 700cd/m<sup>2</sup>  
+ Trigger-Taster  
+ I/O's  
+ Signalgeber

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Displays are our  
business...

# VersaLight65V

General Data

Display	640x480 dots, diagonal size 165.64 mm (6,5"), active area (132.5 x 99.4) mm <sup>2</sup>
Brightness	7...700 cd/m <sup>2</sup> with up/down button, automatic adaption to environmental brightness
Optical characteristics	Viewing angle (approx): U/D: 80°/60° - L/R: 80°/80° Contrast ratio: 600:1, response time on/off: 6/19ms
Technology	TFT-Stripe-RGB, 6-bit per color (262k colors)
Video Timing	DOS Text, VGA 640x480, SVGA 800x600, XGA 1024x768, 56..85 Hz, RGB analog, 0,7Vpp, DC-Restore, H- and V-Sync
Sensor Button	(60 x 13) mm <sup>2</sup> red button, proximity sensor, configurable parameters
Speaker	loud speaker with built-in sound, can be triggered via I/O from logger or PC
Control Signals	IN: Gong, Display on/off, Magnifier, Brightness profile, Power-Tracking OUT: Sensor-Button, 3x reserve
Power Supply	9..36 V, not galv. Isolated, polarity protected, typ. 12 W at full brightness, Power-off on loss of video signal
Connectors	1. PC graphics: 15-pin HD D-Sub receptacle 2. Control signals: 15-pin HD D-Sub header 3. Supply: Lemo ECG.1B.302.CLV
Case and Dimensions	Polystyrol black, further colors on request WxHxD: (166 x 126 x 36.5) mm <sup>3</sup> Sensor-Button + mounting block increases height size by 1 mm, each
Operating temperature	-25..+70 °C
Storage temperature	-20..+60 °C
Mass	565 g

Accessories

- 1EZKA-HS15HS15-X-HQ  
Cable, VGA, 2x 15-pole HD-D-Sub Header, with ferrite bead, L=X m
- 1EZKA-HS15HB15-X-HQ  
Control cable, I/O, 15-pole HD-D-Sub Receptacle, 15-pole HD-D-Sub Header, L=X m

Part Codes

- 1EMVL65V  
- Further variants on request -

