



**The new member in our display family!**

**The latest VIANOVA display combines a high-resolution screen with contrast rich and extraordinarily brilliant picture reproduction - all packaged in a robust and compact enclosure. The display is purpose-built for mobile applications and, as such, conforms to stringent specific requirements with regard to temperature, shock and vibration.**



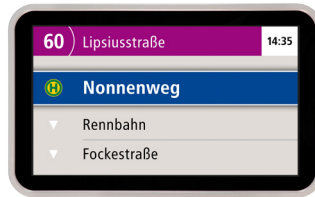
An excellent viewing angle along with a perfectly crisp image – tailor made form factor for the public transportation needs – fully satisfy today's demands for busses and trams.

During its development phase a great deal of consideration was given not just to the use of robust and durable components but also to a service-friendly and well thought-out design that did not compromise the exceptional picture quality. The design gives passenger information and infotainment new opportunities with regards how informations are displayed. The unit's flat enclosure complies with and ensures best visibility in side mount applications.

Vehicle couplings or long cable lengths are no hindrance to the GigaStar Generation 3 technology incorporated within the display units, which can then be cascaded without quality or synchronization loss. Two independent images in full 720p HD quality can be transmitted in just one [twisted pair] cable.

When operational, the intelligent display controller continually monitors critical operational parameters, such as temperature, voltage, valid video signal and brightness to name a few. In-built diagnostic tools highlight errors as they occur so that service personnel can be notified automatically. This streamlined approach minimizes downtimes and helps to optimize spare-part planning

The unit is extremely versatile and can be installed in a variety of configurations to suit the application. For maximum varsatility the mouning height and angle is infinitely variable. The minimal use of interface cabling and almost unlimited cascadability of these units simplify and therefore accelerate installation while minimizing the project planning efforts.



Technical Data	21.5" Wide Display Standard MD-21-S-U-AX-03	21.5" Wide Display High Bright MD-21-S-U-AX-01
<b>Application:</b>	Visible from one side. Primarily designed for rear mount applications. Back-to-Back mounting available.	
<b>Mechanical Data:</b>		
Height:	326 mm	
Width:	530 mm	
Depth:	70 mm universal mount VESA 200 (400x200 HxV)	
Image Height:	268 mm	
Image Width:	476 mm	
Display Tilt Angle:	n/a	
Weight:	13 kg	
<b>Electrical Data:</b>	<b>Standard Brightness</b>	<b>High Brightness</b>
Supply Voltage:	24 V DC (+/- 30 %)	
Power Consumption Operational:	34 W @ 300 cd/m <sup>2</sup>	45 W @ 1200 cd/m <sup>2</sup>
Power Consumption Standby:	4 W	
Fuse:	3.5 A T	
<b>Optical Data:</b>	<b>Standard Brightness</b>	<b>High Brightness</b>
Screen Size:	21.5 inch 16:9 format	21.5 inch 16:9 format
Physical Resolution:	1920x1080 pixels (HxV)	1920x1080 pixels (HxV)
Brightness:	300 cd/qm	1200 cd/m <sup>2</sup>
Contrast:	5000:1	900:1
Viewing Angle:	89 degree at CR=10	85/80 H/V degree at CR=10
<b>Signal Input / Output:</b>	With integrated MS-700 (MD-) GigaStar Generation 3 (ID-)	
<b>Certification:</b>	EN50155 EN50121-2-4 EN60950 E1 CE	

- all technical data are preliminary -