

ME multiView

LCD-Displays

ML3 SXGA 20

ML3 UXGA 21

ML1 HD 40

ML2 HD 46

ML4 WXGA 46

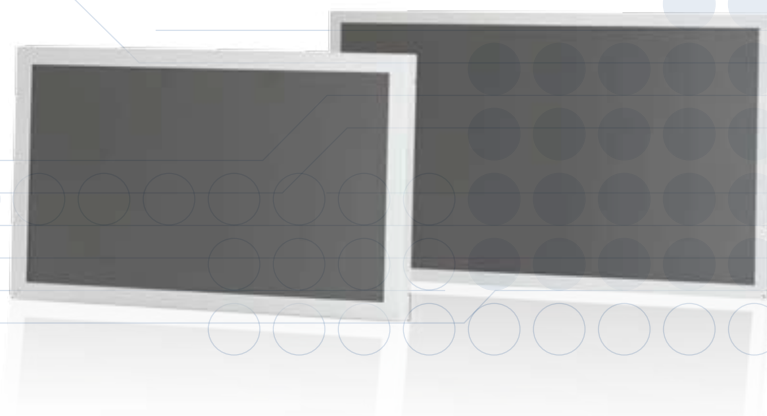
ML1 HD 52

ML3 HD 52

ML1 HD 55

ML6 HD 55 L

ML1 4HD 56



ML5 WXGA 60 L

ML1 HD 65

ML1 HD 70

ML1 HD 82

ML1 HD 108



Summary of the advantages of the display series

HIGH END TECHNOLOGY

- Special driver electronics
- Low maintenance due to modular design
- Excellent contrast and luminosity values
- Coated protective filter
- Excellent readability, even with viewing angles from the side.

INDIVIDUAL ARRANGEMENT FOR ELECTRONICS AND DESIGN

- Configuration of individual signal sources
- Installation possibilities for individual customer-specific electronics
- Variable casings made of aluminium structural steel work
- Visual adaptation possible, e.g. to interior architectural requirements

OUTDOOR OPERATIONS

- Weatherproof display casing (optional)
- Independent power supply (optional)



ME multiView ML.-LCD-Displays for professional areas of application

The LCD-displays are especially designed for professional areas of application. First class reproduction characteristics and elegant design unite in an high-end technology concept and exceptionally easy to maintain.

To create a reliable continuous operation of LCD displays to guarantee high-quality components are used exclusively, which are already in the past proven under extreme conditions. The modular design of the displays also favoured the maintenance of the displays. All assemblies are quickly and easily replaceable by the user with a few simple steps.

Reliable and uncomplicated

To guarantee the reliable ongoing operation of the LCDs, only high quality components are selected for the subassemblies, which have already proven themselves in the past under extreme conditions.

The modular structure of the series also benefits the maintenance of the displays. All the subassemblies can be replaced by the user quickly and in an uncomplicated fashion.

Processors, X-terminals, Flashcard players, CD and DVD players can be integrated as signal sources.

Audio subassemblies can also be installed. Corresponding loud-speakers can easily be mounted

to the sides or underneath the display. Customer-specific electronics can also be fitted as an alternative in the electronics rack for the aforementioned components. Professional requirements are also met here, as these subassemblies remain comfortably and safely accessible to the maintenance staff. The exchanging of subassemblies can take place with out dismantling the displays; if the displays are mounted in or on walls, all the racks continue to be accessible comfortably from the back or from below.





Drivers electronics

Special driver electronics are the basis for the outstanding technical characteristics of this model series. The manner in which the driver electronics display the native resolution of 1920 x 1080 pixels (HDTV Standard) is excellent. If a Major display is addressed by a low resolution (e. g. the normal PC resolution of 1280 x 1024 pixels), then this means that this image information is also extremely sharp and brilliant.



Optimum readability

The displays offer optimum readability even under difficult lighting conditions and from horizontal or vertical viewing angles thanks to the excellent luminosity and contrast values and the coated protective filter. The protected filters that are used are not used only for low-reflecting image reproduction, but also to avoid surface damages, which could be caused by the improper use of cleaning materials. Naturally, installing the protective filter is not mandatory, if the local conditions do not require this.



Design without limits

The display casings consist of an aluminium/steel structure and are available as table or mounted versions. Various models of wall brackets, ceiling hangers and standing supports are available. No limits are set to the optical design of the LCD series. The display housings can easily be integrated in existing or planned colour concepts. The

pallet extends from robust stainless steel casings to paintwork in the user's corporate image colours to individual airbrush designs.

Outdoor operations

In addition to normal uses in closed rooms, a concept for outdoor areas was developed for the display series. We offer optional weather-resistant casings for this application. Thus, setting up the LCDs outdoors year-round is possible without any difficulties.

Power can also be supplied to the display while it is set up outdoors temporarily or in areas where there is no power supply via the integrated battery. The power supply is inconspicuous and safely accommodated in the elegant and solid roller-type tripods.



Monitor Sizes and Resolutions

Our color displays comprise a wide range of screen diagonals and resolutions to flexibly meet any customer requirement or application. You can choose from different monitor frame widths to suit your specific display arrangement. The monitors of our Type ML 1 series have a standard frame width of about 50 mm all round. The Type ML2 series offers a standard frame width of about 15 mm, the Type ML3 series of about 20 mm. These series are designed as a cost-effective solution for units used in stand-alone applications.



More narrow frames are required for monitors installed in a video wall arrangement. The new monitors of our Type ML4 series provide an exceptionally narrow frame width of about 4.3 mm (left and upper edge) and 2.4 mm (right and lower edge). Large-screen visualization systems with an overall seam of only 7.3 mm between the individual screens can



thus be implemented providing a nearly uninterrupted image display across the entire video wall. Even smaller gaps between screens can be achieved with the monitors of our Type ML5 (6.5 mm) and ML6 (5.5 mm) series. A smaller seam increases the degree of image uniformity even further.



Centre of information of the river Emscher country park



Display Overview

Type	screen diagonal measured in inch (cm)	resolution / pixel / aspect ratio	backlight	distance from frame to frame in a wall
ML3 SXGA 20	20 (50)	SXGA / 1280 x 1024 5 : 4	conventional	40 mm
ML3 UXGA 21	21 (53)	UXGA / 1600 x 1200 4 : 3	conventional	40 mm
ML1 HD 40	40 (102)	HD / 1920 x 1080 16 : 9	conventional	100 mm
ML2 HD 46	46 (117)	HD / 1920 x 1080 16 : 9	conventional	30 mm
ML4 WXGA 46	46 (117)	WXGA (HD ready) / 1366 x 768 16 : 9	conventional	7,3 mm
ML1 HD 52	52 (132)	HD / 1920 x 1080 16 : 9	conventional	100 mm
ML3 HD 52	52 (132)	HD / 1920 x 1080 16 : 9	conventional	40 mm
ML1 HD 55	55 (140)	HD / 1920 x 1080 16 : 9	conventional	100 mm
ML6 HD 55 L	55 (140)	HD / 1920 x 1080 16 : 9	LED	5.5 mm
ML1 4HD 56	56 (142)	4 x HD / 3840 x 2160 16 : 9	conventional	100 mm
ML5 WXGA 60 L	60 (152)	WXGA (HD ready) / 1366 x 768 16 : 9	LED	6.5 mm
ML1 HD 65	65 (165)	HD / 1920 x 1080 16 : 9	conventional	100 mm
ML1 HD 70	70 (178)	HD / 1920 x 1080 16 : 9	conventional	100 mm
ML1 HD 82	82 (208)	HD / 1920 x 1080 16 : 9	conventional	100 mm
ML1 HD 108	108 (274)	HD / 1920 x 1080 16 : 9	conventional	100 mm

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