



Dear Sir or Madam,

Since its founding some 32 years ago, the company has been successfully marketing WORTMANN AG Computer workstations. What began with just a few CRT monitors from leading brand manufacturers has today evolved into a complete, state-of-the-art and design-leading product range under the TERRA brand. Our displays, manufactured according to German quality standards, are today an indispensable mainstay in the product range of WORTMANN AG.

TERRA displays are precisely tailored to your needs and include all formats in various sizes from the entry level to the high-end range. Available are energy-saving, environmentally friendly LED models and displays for special ergonomic requirements suitable for use in continuous operation, for the medical sector, CAD / CAM, DTP, for photography, video, image processing and multimedia functions.

The high quality standard of the displays is ensured by the influence on planning and development of the panel manufacturers and component suppliers. The elegant, sleek design of the displays is designed for the taste of the European market in Germany. WORTMANN AG attaches great importance to a compliant appearance of the different models of the large product portfolio. Together with the TERRA PC systems a uniform and harmonious brand name presentation is given.

TERRA displays offer the latest technologies in an elegant design and meet a high quality standard.

If necessary, you will receive the required service directly from WORTMANN AG through its own service center in Germany. Simple, fast and accommodating.

Best regards
Christina Greimann


Product manager displays



innovation and quality with
excellent price / performance ratio!

Christina Greimann

Contents

04 _ TERRA LCD/LED 2256W PV, 2456W PV, 2756W PV **NEW**

06 _ TERRA LCD/LED 2462W PV **NEW**

08 _ TERRA LCD/LED 2766W PV **NEW**

10 _ Product Overview

19 _ TERRA LCD/LED 3280W **NEW**

20 _ Perfect for use in the medical field

21 _ Display positioning

22 _ Ergonomics at your workplace
pivot function

24 _ TERRA Service

25 _ Case Study
Use in Hanover Airport

26 _ Investing in environmentally friendly models
LED technology

27 _ Certifications



TERRA LCD/LED 2256W PV | 2456W PV | 2756W PV

BUSINESS-DISPLAY SERIES

WITH

SUPER NARROW BEZEL DESIGN



The energy-saving business displays with particularly narrow side edges are visual highlights with top performance. The Full HD panels with ADS -Panel-Technology offer high contrast, optimized color quality, brilliant images, color fidelity and particularly wide viewing angles.

Up-to-date connections ensure perfect signal transmission and, thanks to low power consumption, meet the requirements of energy efficiency class A +.

All devices can connect to the VESA recording various wall, table or ceiling mounts to be assembled. Special brackets realize the assembly of mini-, micro pc's, thin clients and so on.

The displays offer top performance for graphic arts applications such as DTP, CAD / CAM, photography, video and image editing.

NEW

The multifunction-stand of the PV models with height adjustment, tilt-, swivel- and pivot function allow fast, ergonomic adjustment for every job.

Height adjustment
130 mm

Tilt
20°

Swivel function
280°

Rotatable with 90°
pivot function

TERRA LCD/LED 2462W | 2462W PV

THE IMAGE EXPERIENCE WITHOUT LIMITS



+ BEZEL FREE

+ GOOD CONTRAST & COLOURS

+ DISPLAY PORT

*BEZEL FREE 24" TERRA
Full-HD display in cutting-edge,
innovative design*

*Tip:
Also
available as
ALL-IN-ONE*

This elegant design display aluminum-look comes out without the usual front frame, becoming the focal point in any location.

The advanced MVA technology offers brilliant color reproduction, particularly wide viewing angles and high contrast values. To ensure image quality, the display with its 1920 x 1080 pixels (Full HD) exclusively digital via DVI, HDMI or DisplayPort activated.

State-of-the-art technology achieves energy efficiency class A +.

With the VESA mount, the TERRA LCD / LED 2462W can be mounted on multi-functional feet as well as on wall, table or ceiling mountings.

ALSO AVAILABLE WITH MULTIFUNCTIONS- STAND



 **RESOLUTION**
Full HD

 **ADJUSTMENT**
pivot, height, swivel

 **LIGHT**
LED

 **DISPLAY PORT**
V1.2

FEATURES

FEATURES	TERRA LCD/LED 2462W PV
Size / Panel type	60.5 cm/23.8" Advanced-MVA-Technologie
Resolution	1920 x 1080 Full HD
Brightness (cd/m ²)	250 cd/m ²
Contrast ratio	30.000.000:1 (DCR)
Response time (ms)	4 ms OD
Viewing angle (h/v)	178°/178°
Multifunction stand	Height adjustment: 130 mm Pivot function: 90 ° Horizontal swivel function: 280 ° Tilt angle: 20 ° front, 5 ° back

The supplied multi-function stand with height adjustment and inclinability as well as turn and pivot function allows the fast ergonomic adaptation to every workplace.

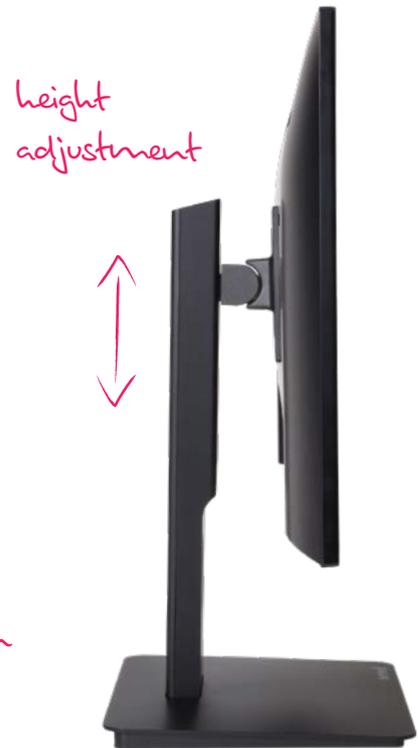
TERRA LCD/LED 2766W PV

PROFESSIONELL DISPLAY IN TOP CURRENT BEZEL FREE DESIGN



- + BEZEL FREE
- + HIGH RESOLUTION
- + ERGONOMIC

- + Inclination
- + Pivot function
- + Swiveling



With 2560 x 1440 pixels, the frameless TERRA Design Display offers 78% more image area than classic Full HD displays. As a result, it can display significantly more image content sharper and more detailed.

The AH-IPS panel technology ensures a bright and high-contrast, optimized color and image quality with particularly wide viewing angles.

The high brightness of 350 cd / m² is achieved by an extremely effective and energy-saving LED back-light, which still allows extremely high dynamic contrast values of up to 30.000.000: 1.

The included multi-function stand with height adjustment and inclinability as well as turn and pivot function allows for quick ergonomic adjustment for every job. In addition, the device with its VESA mount can be mounted on various wall, table or ceiling mountings.

NEW

27 inch display + ultra
high WQHD resolution

 **RESOLUTION**
WQHD

 **LIGHT**
LED

 **ADJUSTMENT**
pivot, height, swivel



FEATURES

TERRA LCD/LED 2766W PV

Size / Panel type	68.6 cm/27" AH-IPS - Technologie
Resolution	2560 x 1440 WQHD-Resolution
Brightness (cd /m2)	350 cd/m ²
Contrast ratio	30.000.000:1 (DCR)
Response time (ms)	5 ms (G/G)
Viewing angle (h/v)	178°/178°
Multifunction stand	Height adjustment: 130 mm Pivot function: 90 ° Horizontal swivel function: 280 ° Tilt angle: 5 ° front / 20 ° back

All digital interfaces (DP, HDMI and Duallink-DVI) support the full WQHD resolution of the display and create the perfect compatibility for uncompromising signal transmission.

The TERRA LCD / LED 2766W PV offers top performance for professional graphics applications such as DTP, CAD / CAM, photography and video and image editing. Similarly, the business user will appreciate the overview of all important information and windows at a glance.

Product overview LCD

16:9 FORMAT



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + VESA

TERRA LCD/LED 2226W



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + ERGONOMIC

TERRA LCD/LED 2226W PV

PANEL	Size / Panel Type	54,6 cm/21,5" MVA-Technology	54,6 cm/21,5" MVA-Technology
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m²)	250 cd/m ²	250 cd/m ²
	Contrast ratio	5.000.000:1 (DCR)	5.000.000:1 (DCR)
	Response time (ms)	5 ms OD	5 ms OD
	Viewing angle (h/v)	178°/178°	178°/178°
	Flicker-Free	✓	✓
OPTIONS	Input	VGA/HDMI	VGA/HDMI
	Speakers	✓	✓
	Earphone connector	-	-
	Pivot/height adjustment/ swivel function	-/-/-	✓/✓/✓
	VESA attachment (75 mm)	✓	✓
	Power adapter	Internal	Internal
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	15,5/< 0,5/< 0,5	15,5/< 0,5/< 0,5
	Energy efficiency class/ Energy consumption kWh/year	A+/23	A+/23
	Certifications	CE, CB (EN 60950), Energy Star	CE, CB (EN 60950), Energy Star
	AC adapter/power cord/DVI cable/ HDMI-Kabel/Audiokabel	-/✓/-/✓/✓	-/✓/-/✓/✓
	Case colour	Matt black	Matt black
	Item number	3030020	3030030

super narrow
bezel design



- + SLIM DESIGN
- + MPG
- + VESA



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + ERGONOMIC

16:9 FORMAT

TERRA LCD/LED 2212W

TERRA LCD/LED 2256W PV

PANEL	Size / Panel Type	54.6 cm/21.5" TN-Technologie	54.6 cm/21.5" ADS-Technologie
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m2)	250 cd/m ²	250 cd/m ²
	Contrast ratio	20.000.000:1 (DCR)	30.000.000:1 (DCR)
	Reaction time (ms)	2 ms G/G	5 ms GTG
	Viewing angle (h/v)	170°/160°	178°/178°
	Flicker-Free	✓	✓
OPTIONS	Input	VGA/DVI	VGA/HDMI/DP
	Speakers	✓	✓
	Earphone connector	-	-
	Pivot/height adjustment/ swivel function	-/-/-	✓/✓/✓
	VESA attachment (100 mm)	✓	✓
	Power adapter	External	Internal
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	16/< 0,5/< 0,5	13,3/< 0,5/< 0,5
	Energy efficiency class/ Energy consumption kWh/year		A+ / 19
	Certifications	CE, CB (EN 60950), Energy Star	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0, TÜV ergonomics tested, Energy Star
	AC adapter/power cord/DVI cable/ HDMI-Kabel/Audiokabel	✓/✓/✓/-/✓	-/✓/-/✓/✓
Case colour	Matt black	Matt black	
Item number	3031208	3030021	

Product overview LCD

16:9 FORMAT



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + SENSOR TOUCH OPERATION
- + VESA

TERRA LCD/LED 2447W



- + SLIM DESIGN
- + MPG CAPABLE
- + VESA

TERRA LCD/LED 2412W

PANEL	Size / Panel Type	59,9 cm/23.6" MVA-Technology	61 cm/24" TN-Technology
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m2)	250 cd/m ²	250 cd/m ²
	Contrast ratio	30.000.000:1 (DCR)	20.000.000:1 (DCR)
	Response time (ms)	5 ms OD	5 ms
	Viewing angle (h/v)	178°/178°	170°/160°
	Flicker-Free	✓	✓
OPTIONS	Input	DVI/HDMI	VGA/DVI
	Speakers	✓	✓
	Earphone connector	✓	-
	Pivot/height adjustment/ swivel function	-/-/-	-/-/-
	VESA attachment (100 mm)	✓	✓
	Power adapter	Internal	External
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	15/< 0,5/< 0,5	19/< 0,5/< 0,5
	Energy efficiency class/ Energy consumption kWh/year	A+ / 22	
	Certifications	CE, CB (EN60950), Energy Star	CE, CB (EN 60950), Energy Star
	AC adapter/power cord/DVI cable/ HDMI-Kabel/Audiokabel	-/✓/✓/✓/✓	✓/✓/✓/✓/✓
Case colour	Matt black	Matt black	
Item number	3030029	3031206	

Optimized image quality through special panel technology



16:9 FORMAT

- + BEZEL FREE
- + HIGH CONTRAST & COLOUR RATIO
- + MPG CAPABLE
- + VESA

- + BEZEL FREE
- + HIGH CONTRAST & COLOUR RATIO
- + MPG CAPABLE
- + ERGONOMIC

TERRA LCD/LED 2462W

TERRA LCD/LED 2462W PV

PANEL	Size / Panel Type	60.5 cm/23.8" AMVA-Technology	60.5 cm/23.8" AMVA-Technology
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m2)	250 cd/m ²	250 cd/m ²
	Contrast ratio	30.000.000:1 (DCR)	30.000.000:1 (DCR)
	Response time (ms)	4 ms OD	4 ms OD
	Viewing angle (h/v)	178°/178°	178°/178°
	Flicker-Free	✓	✓
OPTIONS	Input	DVI/HDMI/DP	DVI/HDMI/DP
	Speakers	✓	✓
	Earphone connector	-	-
	Pivot/height adjustment/ swivel function	-/-/-	✓/✓/✓
	VESA attachment (100 mm)	✓	✓
	Power adapter	External	External
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	16/< 0,5/< 0,5	16/< 0,5/< 0,5
	Energy efficiency class/ Energy consumption kWh/year	A+/23	A+/23
	Certifications	CE, CB (EN 60950), Energy Star	CE, CB (EN 60950), Energy Star
	AC adapter/power cord/DVI cable/ HDMI-Kabel/Audiokabel	✓/✓/✓/-/✓	✓/✓/✓/-/✓
	Case colour	Silver / Matt Black	Silver / Matt Black
Item numberr	3031224	3030013	

Product overview LCD

16:9 FORMAT



- + PROTECTION GLAS
- + SENSOR TOUCH OPERATION
- + VESA



- + SLIM DESIGN
- + SENSOR TOUCH OPERATION
- + ERGONOMIC

TERRA LCD/LED 2470W

TERRA LCD/LED 2435W HA

PANEL	Size / Panel Type	60.5 cm/23.8" ADS-Technology	61 cm/24" TN-Technology
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m²)	250 cd/m ²	250 cd/m ²
	Contrast ratio	20.000.000:1 (DCR)	20.000.000:1 (DCR)
	Response time (ms)	5 ms OD	2 ms OD
	Viewing angle (h/v)	178°/178°	170°/160°
	Flicker-Free	✓	✓
OPTIONS	Input	HDMI/DP	VGA/HDMI/DP
	Speakers	✓	✓
	Earphone connector	-	-
	Pivot/height adjustment/ swivel function	-/-/-	-/✓/-
	VESA attachment (100 mm)	✓	✓
	Power adapter	Internal	Internal
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	20/<0,5/<0,5	16/<0,5/<0,5
	Energy efficiency class/ Energy consumption kWh/year	A/28	A+ /23
	Certifications	TÜV type tested, CE, ISO 9241-307, TCO Displays 6.0, Energy Star	CE, CB (EN 60950), Energy Star
	AC adapter/power cord/DVI cable/ HDMI-Kabel/Audiokabel	-/✓/-/✓/✓	-/✓/-/✓/✓
Case colour	MMatt black	Matt black	
Item number	3031216	3031215	

super narrow bezel design



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + VESA

TERRA LCD/LED 2456W



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + ERGONOMIC

TERRA LCD/LED 2456W PV

16:9 FORMAT

PANEL	Size / Panel Type	60.5 cm/23.8" ADS-Technology	60.5 cm/23.8" ADS-Technology
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m2)	250 cd/m ²	250 cd/m ²
	Contrast ratio	30.000.000:1 (DCR)	30.000.000:1 (DCR)
	Reaction time (ms)	5 ms G/G	5 ms G/G
	Viewing angle (h/v)	178°/178°	178°/178°
	Flicker-Free	✓	✓
OPTIONS	Input	DVI/HDMI/DP	DVI/HDMI/DP
	Speakers	✓	✓
	Earphone connector	✓	✓
	Pivot / height adjustment / swivel function	-/-/-	✓/✓/✓
	VESA attachment (100 mm)	✓	✓
	Power adapter	Internal	Internal
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	17/<0,5/<0,5	17/<0,5/<0,5
	Energy efficiency class/ Energy consumption kWh/year	A+/24	A+/24
	Certifications	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star
	AC adapter power cord DVI cable HDMI-Kabel/Audiokabel	-/✓/✓/-/✓	-/✓/✓/-/✓
Case colour	Matt black	Matt black	
Item number	3030007	3030008	

super narrow bezel design



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + VESA

TERRA LCD/LED 2756W



- + SLIM DESIGN
- + HIGH CONTRAST & COLOUR RATIO
- + ERGONOMIC

TERRA LCD/LED 2756W PV

PANEL	Size / Panel Type	68.6 cm/27" ADS-Technology	68.6 cm/27" ADS-Technology
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness (cd/m²)	300 cd/m ²	300 cd/m ²
	Contrast ratio	30.000.000:1 (DCR)	30.000.000:1 (DCR)
	Reponse time (ms)	6 ms G/G	6 ms G/G
	Viewing angle (h/v)	178°/178°	178°/178°
	Flicker-Free	✓	✓
OPTIONS	Input	VGA/HDMI/DP	VGA/HDMI/DP
	Speakers	✓	✓
	Earphone connector	✓	✓
	Pivot / height adjustment / swivel function	- / - / -	✓ / ✓ / ✓
	VESA attachment (100 mm)	✓	✓
	Power adapter	Internal	Internal
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	23/< 0,5/< 0,5	23/< 0,5/< 0,5
	Energy efficiency class/ Energy consumption kWh/year	A+/34	A+/34
	Certifications	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star
	AC adapter/power cord/DVI cable/ HDMI-Kabel/DP-Kabel/Audiokabel	- / ✓ / - / - / ✓ / ✓ / ✓	- / ✓ / - / - / ✓ / ✓ / ✓
	Case colour	Matt black	Matt black
	Item number	3031228	3031229

WQHD Resolution

Curved



- + BEZEL FREE
- + HIGH RESOLUTION
- + HIGH CONTRAST & COLOUR RATIO
- + ERGONOMIC

- + BEZEL FREE
- + HIGH RESOLUTION
- + 144 Hz REFRESH RATE
- + FREE SYNC

TERRA LCD/LED 2766W PV

TERRA LCD/LED 3280W

PANEL

Size / Panel Type	68.6 cm/27" AH-IPS-Technology	80 cm/31.5" A-VA-Technology
Resolution	2560 x 1440 WQHD	2560 x 1440 WQHD / 144 Hz
Brightness (cd/m²)	350 cd/m ²	250 cd/m ²
Contrast ratio	30.000.000:1 (DCR)	30.000.000:1 (DCR)
Response time (ms)	5 ms G/G	5 ms G/G
Viewing angle (h/v)	178°/178°	178°/178°
Curve		1800 R
Flicker-Free	✓	✓

OPTIONS

Input	DVI/HDMI/DP	DVI/HDMI/DP
Speakers	✓	✓
Earphone connector	✓	-
Pivot / height adjustment / swivel function	✓/✓/✓	-/-/-
VESA attachment (100 mm)	✓	✓
Power adapter	Internal	Internal

ENERGY SAFETY

Power consumption (type) Operation/Standby/Off (W)	22/<0,5/<0,5	29/< 0,5/< 0,5
Energy efficiency class/ Energy consumption kWh/year	A+/33	A+/42
Certifications	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star	CE, CB (EN60950), Energy Star
AC adapter/power cord/DVI cable/ HDMI-Kabel/DP-Kabel/Audiokabel	-/✓/-/✓/✓	-/✓/-/✓/✓
Case colour	Matt black	Silver / White
Item number	3030011	3030031

16:9 FORMAT

11% more pixels
as Full HD



- + MORE IMAGE CONTENT
- + HIGH CONTRAST & COLOUR RATIO
- + SENSOR TOUCH OPERATION
- + ERGONOMIC

- + BEZEL FREE
- + HIGH CONTRAST & COLOUR RATIO
- + MPG CAPABLE
- + SENSOR TOUCH OPERATION
- + VESA

TERRA LCD/LED 2458W PV

TERRA LCD LED 2464W

PANEL	Size / Panel Type	61cm/24" ADS-Technology	60.5 cm/23,8" ADS-Technology
	Resolution	1920 x 1200 WUXGA	1920 x 1080 Full HD
	Brightness (cd/m2)	250 cd/m ²	250 cd/m ²
	Contrast ratio	20.000.000:1 (DCR)	30.000.000:1 (DCR)
	Response time (ms)	5 ms G/G	5 ms OD
	Viewing angle (h/v)	178°/178°	178°/178°
	Flicker-Free	✓	✓
OPTIONS	Input	VGA/DVI/DP	VGA/DVI/HDMI
	Speakers	✓	✓
	Earphone connector	-	-
	Pivot / height adjustment / swivel function	✓/✓/✓	-/-/-
	VESA attachment (100 mm)	✓	✓
	Power adapter	Internal	External
ENERGY SAFETY	Power consumption (type) Operation/Standby/Off (W)	17/< 0,5/< 0,5	15/< 0,5/< 0,5
	Energy efficiency class/ Energy consumption kWh/year	A+/24.5	A+/22
	Certifications	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star	TÜV-GS, CE, ISO 9241-307, TCO Displays 7.0 TÜV ergonomics tested, Energy Star
	AC adapter/power cord/ DVI cable/HDMI cable/ VGA cable / audio cable	-/✓/✓/✓/-/-/✓	✓/✓/✓/✓/-/-/✓
	Case colour	Silver/Black	White
	Item number	3031226	3030032

TERRA LCD/LED 3280W

Curved



Comfort and pure viewing pleasure in CURVED Design!

The TERRA LCD / LED 3280W in bezel free CURVED design with WQHD resolution and Advanced VA panel technology provides thrilling visual experiences in the TV, film, video and game worlds. The arc radius of 1800 mm and the Flicker-Free

Function enables a particularly ergonomic and eye-friendly work.

The FreeSync technology and refresh rates up to 144Hz bring more life into your applications and games through particularly fluid movements and flowing images.

PERFECT IN THE MEDICAL FIELD



Displays for your practice

Modern IT systems are becoming more and more popular in all medical field Areas. The visual representation for Therapy measures are a decisive factor. For displays that are to be used in the direct patient environment, the Medical Devices Act (MPG) demands compliance with the strict requirements of DIN EN 60601, which ensures increased electrical safety. Direct use of office displays is not allowed in the patient environment, as for their power supplies usually other safety standards apply.

As an economical solution for these sensitive areas of application, Wortmann AG offers flat screens that are operated with a safe extra-low voltage of 12 volts and can therefore be used via optional accessories in the direct patient environment.

The following TERRA displays can be combined with an optional MPG power supply or with an MPG Power cable set:

16:9 Format – 21.5"/23.8"/24"

TERRA LCD / LED 2212W_Item no. 3031208
TERRA LCD / LED 2412W_Item no. 3031206
TERRA LCD / LED 2462W_Item no. 3031224
TERRA LCD / LED 2462W PV_Item no. 3030013
TERRA LCD / LED 2464W white_Item no. 3030032

A desktop power supply and a MPG cable set are available as accessories:

MPG Desktop Power Supply _ Item no. 2090261
LCD power cable set _ Item no. 3010084

Display positioning

From entry-level models to professional desktop LCDs to displays for special applications.

We offer displays of excellent quality and current technologies in an elegant design. Everything tailored to your needs! The range includes numerous formats in different sizes: the entry-level displays for the cost-conscious user and the powerful displays,

ideal for users in large and medium-sized companies. Excellent performance and image quality combined with innovative features and improved connectivity. All models are non glare, have the Kensington-Lock anti-theft device and the Flicker-Free function.

TERRA LCD positioning



Ergonomics at work

**Ergonomic working with the right Display.
Your well-being at your computer Screen
is important.**

Pivoting, tilting, swiveling and height adjustment for special ergonomic demands: the TERRA LCDs with height adjustment and pivot function are highly popular. With its pivot function to tilt the display by 90 ° and the ability to adjust the display horizontally and vertically to the individual user needs of daily work, the models are an optimal choice for ergonomic users. In addition to the usual test marks, many TERRA LCDs also carry the TÜV Ergo award. The following TERRA displays are equipped with these functions::

16:9 Format – 21.5", 23.8" and 27"

TERRA LCD/LED 2226W PV_ Item no. 3030030
TERRA LCD/LED 2256W PV_ Item no. 3030021
TERRA LCD/LED 2456W PV_ Item no. 3030008
TERRA LCD/LED 2462W PV_ Item no. 3030013
TERRA LCD/LED 2756W PV_ Item no. 3031229
TERRA LCD/LED 2766W PV_ Item no. 3030011

16:10 Format – 24"

TERRA LCD/LED 2458W PV_ Item no. 3031226

Optional

TERRA LCD multifunction stand V 2.0
Item no. 3030012

only height adjustment

TERRA LCD/LED 2435W HA _ Item no. 3031215



Ergonomics at workplaces

The screen should be customizable, it should be free to move on the table surface and be adjustable in inclination. As a result, reflections can be avoided and working postures can be selected individually, which avoids static loads.

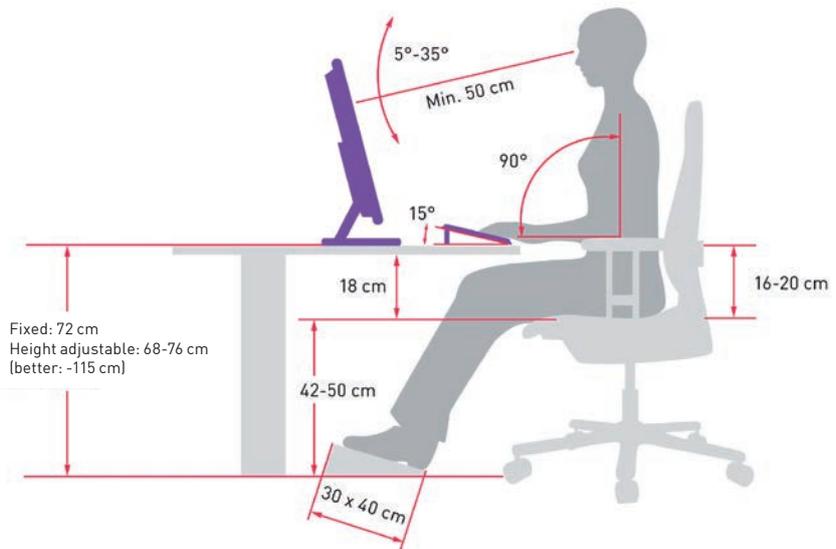
The correct screen height depends on the field of view that we capture in normal sitting posture. It is easy to try out that the optimal range is with a flat lowered view. The horizontal line of sight should not be exceeded for frequent eye contact,



For your health



because unfavorable stresses in the shoulder-neck musculature are the consequence. Therefore, the on-screen top edge maximum is at eye level, however just below it. It is the best position to work at for your eyes rigid adjustable height



TERRA Service

That's something you can rely on! Our service will not work outsourced. With us you speak with professionals who help you optimally, quickly and unbureaucratically.

TERRA LCD Services

TERRA Displays

Standard: Depending on model 24 or 36 months warranty incl. On-site replacement service. Special models may differ.

Warranty extension: extension of Warranty and on-site replacement service for 12 months each. Maximum 60 months possible.

TERRA Pixel guarantee:

Exchange Policy for every visible pixel defect even below the usual market limits during the entire warranty period.

Financing solutions

Whether you need PCs, notebooks, monitors, servers or storage systems, our flexible financing solutions help you optimize the innovation cycles of your hardware and ensure you are always up to date with the latest technological developments. The costs for the installation and the software can also be incorporated in full or in part in the financing solution.

Extended service

As a rule, all services for TERRA products can be expanded unbureaucratically to the respective maximum while the device still has an active guarantee. You only need to specify the serial number and the desired service product and receive your service extension within three working days.



Case Study - Use at Hannover Airport



Requirement

What is needed are displays that can be used reliably in passenger handling in the airport area. A fast, unbureaucratic and flexible manufacturer service is indispensable.

The challenge

Passenger handling is a process that must be quick and smooth.



The solution

There are TERRA displays from the WORTMANN AG used. The airlines rely on the perfect function and good service of WORTMANN AG. In case of service this service concept, proven for years, ensures the immediate replacement of the devices. Due to the technical progress, a continuous quality check and further development of the device functions takes place. Sales and service of the TERRA displays is carried out by the company AirITSystems. It is an executive partner on site and supervises all used devices. Airlines such as Lufthansa and TUIfly rely on performance, services and solutions that are distributed and executed by AirITSystems GmbH.

The Company

AirITSystems, a subsidiary of the Frankfurt and Hannover airports, is familiar with the requirements of the airport companies and has adapted their solutions accordingly.



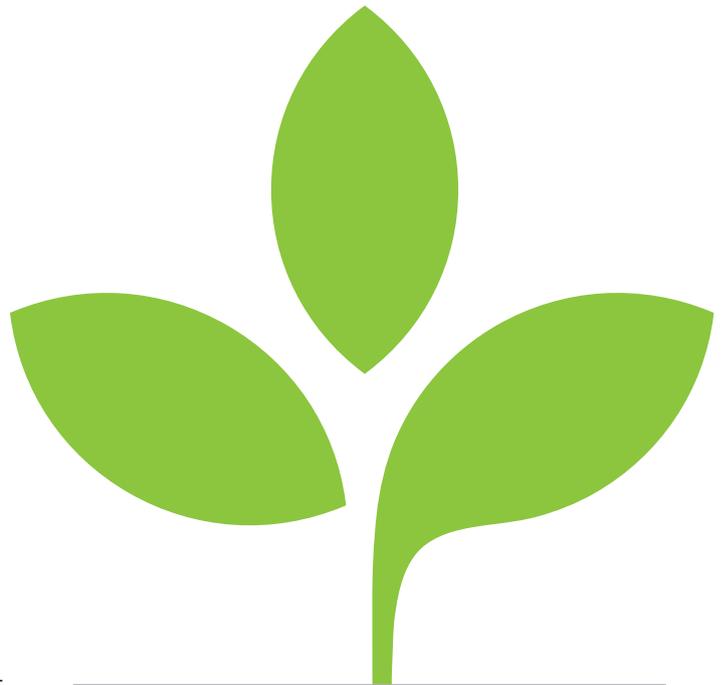
Investing in environmentally friendly models

**GREEN
LINE PLUS** **Greenline Plus-Identification**
TERRA Displays, that meet the
Energy Star Requirements
are listed on the page
www.eu-energystar.org.

Reduce greenhouse gas emissions and lower your energy bill by using TERRA Displays that have reduced power consumption.

LED technology
TERRA LED displays combine the latest technology, functionality, image quality, environmental compatibility and energy awareness. The infinitely dimmable backlighting of the TERRA LED displays produces extremely high dynamic contrast values and a very bright image with the lowest power consumption.

The LEDs used are pollutant-free, shock-resistant and do not require warm-up time. Not only does this technology enable a very slim, sleek design and uniform, optimized illumination and color reproduction of the image, it also offers more than 50% energy cost reduction and longer life than backlight tube technology.



- higher energy efficiency than conventional technologies
- Environmentally friendly by pollutant-free production processes
- Robust and durable, shockproof and shock resistant without warm-up times
- Optimized color representation and more uniform illumination
- Extremely high dynamic contrasts
- Slim and elegant design

Certifications for quality and safety

TERRA displays meet the high requirements of the latest quality and quality labels from TCO Displays and Energy Star.

Other certifications such as TÜV-GS, ISO 9241-307 and TÜV Ergonomics are available. This makes it clear that a very high standard is not only placed on the most up-to-date production processes and technologies, but that they are also implemented as energy-saving and environmentally compatible as possible. We are aware of the responsibility of future generations.



As the largest independent German PC manufacturer, WORTMANN AG has been offering displays that are ENERGY STAR® compliant since 2008. TERRA LCDs reduce greenhouse gas emissions and lower energy costs through lower power consumption.



Stress, eye problems and pain in the shoulders, neck and wrists are often the result of intense computer work. Reducing these negative impacts will help users achieve better results. This is the background of the TCO quality label.



**TOP
TEN**

Reasons to choose WORTMANN AG:

- 1. Experience:** Over 30 years success in production and distribution.
- 2. Capital strength:** Solid self-financing, flexible terms, credit limits and further forms of financing.
- 3. Responsibility:** Over 500 employees in Germany with approx, 20% as apprentices.
- 4. Products:** TERRA notebooks, tablets, PCs, servers, LCDs, cloud and more high quality peripherals & component brands.
- 5. Quality:** Production in Germany in line with ISO 9001:2008.
- 6. Flexibility:** Build-to-order / service-to-order.
- 7. Service:** In-house service center and pan-European service partner network.
- 8. Speed:** express production, shipments until 19.00 CET and uncomplicated processing.
- 9. Sales Channel:** Indirect via specialist dealers and computer retailers.
- 10. Expertise:** Consultancy, concept development, tender support and project realisation.

