

TFT Displays



- › superior quality
- › great optical performance
- › 50 k hrs backlight life time

AUO PID-TFT Displays

- › green innovation: power saving D-LED backlights with local dimming
- › portrait and landscape mode possible
- › LED driving board integrated (D/B)
- › Narrow bezel version available (NBW)
- › Local dimming function (LD)

➔ Bundle your product with our **eMotion** display controllers.



➔ Designed, developed and manufactured by **DATA MODUL**

eMotion AD-boards tuned to work together with the TFT (RGB/DVI/VIDEO) or **complete open frame monitors**

- › design and production in Germany
- › long term availability and product stability guaranteed
- › certified accessories like cables, inverters and converters
- › touch panel integration under clean room conditions
- › complete TFT system fully tested and approved

CHOOSE YOUR TASTE!

Unique	Pro	Classic
<ul style="list-style-type: none"> • high brightness versions • super wide 21 : 9 format * • 3 D image * • Super narrow bezel • Touch panel versions * 	<ul style="list-style-type: none"> • High optical performance • Power saving direct LED (D-LED) • Local Dimming function • NBW (<10 mm) • CCFL and LED same ME design 	<ul style="list-style-type: none"> • CCFL versions • Edge LED (E-LED)



* in planning

Series	T260HW02 V1 Classic	P315XW01 V0 Classic	P420HW01 V1 Classic	P420HW03 V0 Classic	P420HV01.0 Pro
Size	26.0" (66.04 cm)	32.0" (81.28 cm)	42.0" (106.68 cm)	42.0" (106.68 cm)	42.0" (106.68 cm)
Resolution	1920 x 1080	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	300	450	450	500	700
Contrast	3000:1	3000:1	4000:1	4000:1	4000:1
Interface	8bit LVDS	8bit LVDS	8bit LVDS	8bit LVDS + FRC	8/10bit LVDS
Outline dimensions	613.0 x 361.0 x 16.2	760.0 x 450.0 x 46.9	983.0 x 576.0 x 52.65	968.4 x 564.0 x 10.8 (25.5 D/B)	957.45 x 550.2 x 52.7
Viewing angle ↔↗↘	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89
Op. temperature	0°C...+50°C	0°C...+50°C	0°C...+50°C	0°C...+50°C	0°C...+50°C
Backlight	LED, 60 Hz, D/B	CCFL, 60 Hz	CCFL, 60 Hz	E-LED, D/B, 120 Hz	CCFL, 60 Hz, NBW
Remarks	MP Q4/2011				

Series	P460HW02 V0 Unique	P460HV01.0 Unique	P460HW03 V0 Classic	P460HW04 V0 Classic	P546HW01 V0 Classic
Size	46.0" (116.84 cm)	46.0" (116.84 cm)	46.0" (116.84 cm)	46.0" (116.84 cm)	54.6" (138.68 cm)
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	1500	700	400	500	500
Contrast	4000:1	3000:1	5000:1	4000:1	5000:1
Interface	8bit LVDS	8bit LVDS	8/10bit LVDS	10bit LVDS	8bit LVDS + FRC
Outline dimensions	1048.4 x 605.0 x 57.8	1026.68 x 578.27 x 37.5	1083.0 x 627.0 x 59.0	1056.9 x 612.3 x 9.6 (18.3 D/B)	1286.0 x 745.0 x 60.0
Viewing angle ↔↗↘	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89
Op. temperature	0°C...+50°C	0°C...+50°C	0°C...+50°C	0°C...+50°C	0°C...+50°C
Backlight	CCFL, 60 Hz	LED, 60 Hz, SNBW	CCFL, 60 Hz	E-LED, D/B, 120 Hz	CCFL, 60 Hz
Remarks		MP Q4/2011			

Series	P546HW02 V0 Pro	P546HW03 V0 Classic	P645HW03 V0 Pro	P645HW04 V0 Classic
Size	54.6" (138.68 cm)	54.6" (138.68 cm)	65.0" (165.1 cm)	65.0" (165.1 cm)
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	700	450	700	500
Contrast	5000:1	4000:1	4000:1	5000:1
Interface	8bit LVDS + FRC	8bit LVDS + FRC	10bit LVDS	8bit LVDS + FRC
Outline dimensions	1242.2 x 713.0 x 61.1	1255.6 x 726.4 x 26.3	1482.4 x 862.0 x 58.9	1508.0 x 878.0 x 60.0
Viewing angle ↔↗↘	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89
Op. temperature	0°C...+50°C	0°C...+50°C	0°C...+50°C	0°C...+50°C
Backlight	CCFL, 60 Hz, NBW	E-LED, D/B, 60 Hz	CCFL, 60 Hz, NBW	CCFL, 60 Hz
Remarks	P546HW04 D-LED in planning		P645HW06 D-LED in planning	MP Q4/2011