

# ADP-361

Side support screen for Air Traffic Control working positions



Air Traffic Controllers are using more and more tools to display an ever-increasing load of information. That is why more and more visualization capabilities with respect to display size and resolution are needed. The 24" ADP-361 auxiliary display is especially designed to meet these concerns.

The latest ADP-361 3<sup>rd</sup> generation display is perfectly suited to extend the high-resolution surface of 2Kx2K main display, while maintaining a good optical match with the main radar display. Its flexibility allows both surface and resolution to be extended by over 50% per added panel. The ADP-361 can be used beside a main display (portrait mode) as well as on top of a main display (landscape mode) in order to maximize the interactive surface available to a controller in a limited console space.

## Product specifications

### ADP361-3

Native resolution	1920 x 1200 pixels
Pixel pitch	0,270 x 0,270 mm
Active screen area	518.4 x 324.0 mm (19.83 x 19.83")
Active screen diagonal	611.32 mm (24.07")
Pixel arrangement	RGB vertical stripe
Backlight	Edge LED backlight system
LED lifetime	> 100.000 hours estimated
Brightness	300 cd/m² typical (Min 240) center of screen
Dimming ratio	50:1
Contrast ratio	Typical 1000:1 - ratio of white/black image (Min 600:1)
Display colors	16.7 Mio (24bit)
Color temperature	Adjustable between native, D65 and custom
Viewing angle	Superwide viewing angle performance 178° typical, with CR ≥ 10
Display uniformity	White brightness uniformity 75% (typ)
Reflection	Anti-glare polarizer
Response time	Tr (gray to gray): 14 ms, typical
Video inputs	HDMI (DVI through dvi/hdmi passive cable) - Display Port
Digital multisync	Standard VESA resolution lower than maximum resolution (1920x1200) is displayed in letterbox format or scaled
Noise	Not Applicable - passive cooling only
Power supply	Nominal voltage: 110 Vac & 230 Vac Operates between: 90-264 Vac Frequency range: 47-63 Hz
Power consumption	+/-15 W @ 100 cd/m2 (OQC) ; Pmax is typ <25 Watt External Power supply - connector type: IEC
Control possibilities	Front control module controls On Screen Display USB port B DDC communication EDID 1.3 DDC communication - customer settings
Sales support	Warranty standard 2 year Extended warranty services are possible
Dimensions & weight	376 x 548,5 x 49 mm (landscape - HxWxD ) Weight: 5,1 kg Bezel width: 35,5 bottom ; 13,5 top&left&right
Dimensions & weight on foot	432,5 x 548,5 x 217 mm (landscape - HxWxD ) 633 x 376 x 217 mm (portrait - HxWxD ) Weight: 7,6 kg
Mounting	VESA 100 x 100 x M4 M4 mounting available near corners, back side M4 earth stud
EMI / EMC	EU/IEC/Canada/FCC: limit B
Safety	IEC60950-1, EN60950-1, UL60950-1, cUL60950-1, CCC, KCC
Operating temperature	10°C to 40°C (50°F to 104°F)
Humidity	90% at 40°C non-condensing atmosphere (operational and non-operational)

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The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.

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