Esterline

Control & Communication Systems

TCD-361/LED

24" high-bright tower control display

ALC **BLOS** **OSD**

16:9 RATIO **WIDE VIEW** **LED** TECHNOLOGY **24"** SCREEN

What you'll love about the TCD-361/LED:

- Full color HD resolution
- Long-life, power-efficient LED backlights
- Backlight output stabilization technology
- Ambient light compensation technology
- Fan- and noiseless
- Viewable under all circumstances

Highbright LED backlights

Esterline's TCD-361/LED is a 24" widescreen tower display for air traffic control applications. Its high-bright LED backlights and full HD resolution bring optimum reading quality, reliability, and user comfort to tower control operators.

Perfect brightness at all times

The tower control display's long-life backlight system combined with Esterline's stabilization technology ensures stable brightness over time. The integrated ambient light sensor automatically adjusts brightness settings in function of the ambient light conditions. Esterline's TCD-361/ LED is fan-less and noise-less and has a compact footprint to save space in the air traffic control tower.

Product specifications

	TCD-361/LED
Resolution	HD (1920 x 1080)
Active screen area	531.36 (H) x 298.89 (V) mm
Aspect Ratio	16:9
Technology	LCD – edge LED backlight
Contrast ratio	5000:1 typical (native)
Response time	12 ms typical (G-G)
Pixel format	1920 x 1080 pixels x 3 colors
Color depth	8 bit
Viewing angle	178° (H), 178°(V) typical
Surface treatment	"Anti Glare"; hardness 3H
Brightness	>700 cd/m² typical (native) center 700 cd/m² brightness stabilization: 600 cd/m² (optical feedback)
Control possibilities	BLOS – Backlight Output Stabilization ALC – Ambient Light Control
LED lifetime	10 years (300 cd/m²)
Ambient Light Compensation (ALC)	yes
Backlight Output Stabilization (BLOS)	yes
Native color	native, 9300, 6500, user
Gamma curve	native, gamma 1.8, gamma 2.2
Video inputs	Digital (DVI & DisplayPort) Input video timing: 30-68 KHz Hor ; 50/60 ±1 Hz
Controls	• Local controls: OSD front control • Remote controls: USB / ethernet
Power Supply	Mains in: 100 - 240 VAC 50 / 60 Hz
Power consumption	75W max (operating) 9W max (sleep) 0.9W (off stand by)
Operating temperature	+0 up to +40°C (operating) -20 up to +45°C (storage)
Humidity	non-condensing
Dimensions	Width: 592 mm Height: 359 mm Depth: 40 mm
Weight	9.5 kg
Mounting	(I/F) VESA 100
Front glass	no bonded front glass
Certification and compliance	Safety: CB, UL, cUL, CE, CCC and others EMC: FCC, ICES, CE = class B Others: WEEE, RoHS, REACH

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