

TL-361

24" Thin Lightweight display (1920x1200)



The TL-361 is Barco's 24" thin and lightweight display offering significant benefits with respect to dimensions, ruggedization and intelligence. The TL display family combines unmatched thinness with exceptionally low weight to provide a unique, rugged display solution, especially for applications where space and weight are critical. The TL-361 features a first-class 24" Active Matrix Liquid Crystal Display offering excellent performance in terms of brightness, crispness, contrast and viewing angle. Several options and bezel configurations are available to address virtually any mounting need in any application. Additionally, the TL-361 combines this high level of performance and versatility with a very competitive price/performance value.

Barco's TL displays have been designed and qualified for application in the most hostile environments. Next to the standard ruggedization level, Barco offers its TL displays with an extra ruggedization level, which is suited for specific naval combat, army and airborne applications.

Product specifications

TL-361

Panel size	24"	
Resolution	1920x1200 (WUXGA)	
Brightness	Typical 300 cd/m ² (87.5 fL)	
Contrast ratio	500:1	
Vibration		
	Standard	Rugged option
SHIPS	MIL-STD-167-1 Type 1	MIL-STD-167-1 Type 1
AIRBORN	2g MIL-E-5400T Fig.2, curve IIa (sheet 2 of 3)	5g MIL-E-5400T Fig.3, curve IIIa (sheet 2 of 3)
Shock		
	Standard	Rugged option
	MIL-STD-810	MIL-STD-901D / MIL-STD-810
	Meth. 516.2	Lightweight / Meth. 516.2
	30g - 12.5ms Half sine - X,Y,Z axis	Grade A / 40g - 16ms half sine
Operational temperature		
	Standard	Rugged option
	Low temp: 0°C	Low temp: -40°C
	High temp: +50°C	High temp: +55°C
Storage temperature		
	Standard	Rugged option
	Low temp: -40°C	Low temp: -40°C
	High temp: +70°C	High temp: +70°C
Relative humidity		
	Standard	Rugged option
	max. 95% @ 40°C	max. 95% @ 40°C
Ingress protection		
	Standard	Rugged option
	IP65 on console level	IP65 on unit level with optional military interface box
Drip proof		
	Standard	Rugged option
	MIL-STD-810F meth. 506.4 proc III	
Altitude low pressure		
	Standard	Rugged option
	20000ft (425 mbar)	40000ft (187 mbar)
EMI / EMC		
	Standard	Rugged option
	MIL-STD-461 E - NAVY Applications	MIL-STD-461 E - Navy fixed and Airforce Applications
FCC		
	Standard	Rugged option
	FCC-A	FCC-A
Signal inputs	DVI-I, VGA	
RS-232 serial port	9 pin sub D	
Power	9W4 sub D	
Controls	UP / DOWN / SEL / QUIT / STANDBY In conjunction with OSD	
Indicators	Green 'Power' LED, Red 'Fault' LED	
OSD	On-Screen Display	
Power Supply	Standard 12V & 28V DC, Optional: 115-220V AC as external module, only in combination with standard ruggedisation level	
Guidelines	MIL-STD-704E	
Power consumption	100 W	

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Finishing	Black RAL 9005
MTRR	Less than 30 minutes
Scaling modes	No scaling/full screen/keep aspect AutoSet, Automatic Phase Adjust (APA), Automatic Gain Control (AGC)
Options	LCD Flicker Compensation (special configuration) Low latency Touch screen