

产品名称/Product Name			TCL数字标牌/TCL Digital Signage	
型号/Model			TX50Q	
造型/ID				
应用场景 / Application Scenarios			Applicable in scenarios such as restaurants, supermarkets, hotel public areas, company public areas, hospitals, automotive 4S stores. Reliable and durable.	
产品核心卖点 / USP			1. Even bezel on 4 sides, portrait and lanscape orientations are supported. 2. 500nit of brightness, 25% haze non-glare panel, 24/7 operational hours. 3. 2*10W speaker, delivering excellent audio experience. 4. 4G+32G memory, 2.4G/5GWiFi with built-in clock RS232 serial port. 5. TCL Eshow built in, which supports easy content distribution, schduled power on/off, muti-screen display	
销售区域 / Region			海外 / Global Region	
显示面板 Display Panel	尺寸 / Size		50"	
	分辨率 / Resolution		3840*2160 (16 : 9)	
	实际屏幕尺寸 / Actual Screen Dimension		/	
	亮度 / Brightness (Typ.)		500 nit	
	显示方向 / Orientation		横屏/竖屏显示 Landscape/Portrait	
	色域 / Color Gamut (Typ.)		NTSC 72%	
	表面雾度 / Haze		AG 25%	
	对比度 / Contrast Ratio (Typ.)		1200:1	
	屏类型 / Panel Type		IPS	
	背光类型 / Backlight Type		DLED	
	刷新率 / Refresh Rate		60Hz	
	色深 / Color Depth		1.07G(8bit+FRC)	
	可视角 / Viewing Angle		178°(H)/178°(V) (CR≥10)	
	使用寿命 / Lifetime		50000Hrs(min) L50	
接口/声音 Connectivity / Sound	输入 / INPUT	音视频 / Audio/ Video	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	
		显示 / Display Port	DP 1.4 IN *1	
	输出 / OUTPUT	音视频 / Audio/ Video	AUDIO OUT *1 (3.5mm)	
	External Control	串口 / RS232	RS232 IN*1 RS232 OUT*1	
		有线网络接口 / RJ45	10/100Mbps RJ45*1	
		IR接口	N/A	
	USB		USB2.0 *1 (0.5A) +USB3.0 *1 (1A) (Software - disableable , Optional) exFAT/FAT32/NTFS	
系统配置 System	喇叭功率 / Speaker		10W x2	
	操作系统 / Operating System		Android 13.0	
	CPU		Quad-core ARM Cortex-A55	
	GPU		ARM Mail-G52 MP2	
	内部缓存容量 / Memory		4GB	
	内部存储容量 / Storage		32GB (Approx. 20.9 GB available)	
功能特性 Features	硬件 H/W	无线网络 / WiFi 5	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M	
		蓝牙 / Bluetooth	支持 / Support	
		遥控 / Remote Control	IR	
		光感 / Light Sensing	N/A	
	软件 S/W	多媒体信息发布系统 CMS	易秀3.0 / Eshow 3.0 or 3rd party CMS	
		远程升级/ OTA Upgrade	支持 / Support	
		定时开关机 Timed Power On / Off	支持 / Support	
		系统集成 System Integration	支持,开放标准API接口,支持三方系统对接,支持launcher自启动 Open standard API, enabling seamless integration with third-party systems, and supports self-starting functionality for the launcher.	
		画面旋转 Picture Rotation	支持 / Support	
		菜单旋转 OSD Rotation	支持 / Support	
		防灼屏 / Pixel Shift	支持 / Support	
		安全锁 / Security Lock	支持 / Support	
	语言 / Language		英文、简体中文、繁体中文... English, Chinese (Simplified), Chinese (Traditional),	

	音视频解码 / Media Format (Image & Video)		-AV1 MP-10@L6.0/5.1 up to 8Kx4K@24fps or 4Kx2K@60fps -H.265 HEVC MP-10@L5.1 up to 8Kx4K@24fps or 4Kx2K@60fps -VP9 Profile 2 up to 8Kx4K@24fps or 4Kx2K@60fps -AVS2 MP up to 4Kx2K@60fps -H.264 AVC HP@L5.1 up to 4Kx2K@30fps -H.264 MVC up to 1080P@60fps -MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) -WMV/VC-1 SP/MP/AP up to 1080P@60fps -AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps -MPEG-2 MP/HL up to 1080P@60fps (ISO-13818) -MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
	Control Spec	RS-232C Control HDMI-CEC	支持 / Support 支持 / Support
	尺寸 / Dimension	整机 / Set 包装箱 / Package	1118.4×639×64.9 mm 1240×775×140 mm
结构参数 Mechanical Spec	重量 / Weight (kg / lbs.)	净重 / Set 毛重 / Package	11kg 14.5kg
	VESA间距 / VESA Mount		400*400 mm
	边框宽度 / Bezel Width(mm / in.)		9.9mm (Even)
设计/Design	前框/材质 Bezel Color/Material		黑色/金属 Black/Metallic
	后壳/材质 Rear Cover Color/Material		黑色/塑胶 Black/Plastic
	前框LOGO		N/A
认证 Certification	防护等级 / IP Rating		/
	环境类认证 / Environment		Energy Star 8.0
	区域性认证 / Regional		CE/CB....
	EMC		Class B
电源 Power	安全性认证 / Safety		62368-1/ISO- 27701/ISO-27001
	电源输入 / Power Supply		AC 100-240V@50/60Hz
	功耗 / Power Consumption	最大 / Max [W/h] 典型 / Typical [W/h]	135 105
		待机 / Sleep mode	<0.5W (Standby mode,Power saving)
使用环境 Oprteating Environment	温度 /Temperature	工作 / Working 储存 / Storage	0~45°C/32~113°F -20~60°C/-4~140°F
	湿度 Relative	工作 / Working 储存 / Storage	20 - 80% (无凝结 / without condensation) 10 - 90% (无凝结 / without condensation)
		海拔 / Altitude	< 5000 m
附件 Accessories	标配 / Standard		快速安装指南 *1, 售后服务卡 *1, 电源线 *1, 遥控器 *1, 电池*2 Quick Setup Guide *1, Warranty Card *1,Power cable *1, Remote Control *1, Battery *2
	选配 Optional	底座 / Stand	TBD
		挂架 / Mount	WMB433
		Specialty	TBD