videri embedded

TCL

EXPANDING POSSIBILITY WITH PROVEN HARDWARE.

Unlock the Power of the Videri Platform on TCL Commercial Displays

Videri Embedded brings the intuitive, cloud-based CMS and intelligent device management tools of the Videri platform to TCL's commercial display series, enabling businesses to scale digital signage with simplicity and reliability across more environments than ever before. With TCL's cost-effective, high-performance commercial-grade displays and Videri's seamless software experience, this partnership provides a flexible, powerful solution for a wide range of use cases.

Why Videri Embedded on TCL?

Software Embedded.

Videri's enterprise-grade CMS and playback engine are pre-integrated and certified to run natively on select TCL Android-based displays. From content orchestration to real-time monitoring, this embedded solution makes it easy to manage dynamic digital experiences without external media players or complex installation requirements.

Built for Scale & Simplicity.

Whether you're managing one store or hundreds, Videri Embedded lets you scale content and device management effortlessly. Deploy updates, organize displays into workspaces, schedule campaigns, and monitor screen health—all from a single cloud-based portal.

Certified Compatibility

- Videri Embedded has been tested and validated on a growing set of TCL commercial displays, launching with the TMN and TBN SERIES.

TCL

Digital Signage 24/7

Professional Line

TMN SERIES SIZES AVAILABLE: **32″ | 43″ | 55″ | 65″ | 75″ | 85″ | 98″**

PRODUCT HIGHLIGHTS

Light Up Your Message

With its 500-nit brightness, this UHD signage presents content with exceptional clarity, ensuring maximum visibility for marketing campaigns in airports, retail spaces, and beyond.

Even Bezel & Slim Depth

Slim depth with even bezels on all four sides creates a clean, balanced look, ensuring seamless alignment in both landscape and portrait modes.

24/7 Operation

Engineered for 24/7 continuous operation, our displays deliver uncompromising reliability and performance around the clock, perfect for mission-critical environments.

5-Year Warranty

Backed by a powerful warranty program, our 5-year coverage ensures your display performs reliably, giving you peace of mind and confidence in your investment.

Wide Color Gamut

DCI-P3 93% wide color gamut delivers vivid, lifelike colors with greater depth and realism.

Seamless CMS Integration

Our solution is software-agnostic, seamlessly integrating not only with our own CMS but also with partner CMS platforms, giving customers the flexibility to choose the ecosystem that best fits their need.

DISPLAY PANEL	32"	43"	50"	55"	65"	75"	85"	98"
Model	TM32N	TM43N	TM50N	TM55N	TM65N	TM75N	TM85N	TM98N
Diagonal Size/Class	32"	43"	50"	55"	65"	75"	85"	98"
Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Typ.)	500	500	500	500	500	500	500	500
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape
Haze	AG 25%	AG 25%	AG 25%	AG 25%	AG 25%	AG 25%	AG 25%	AG 25%
Contrast Ratio (Typ.)	4000:1	4000:1	1200:1 (IPS)	4000:1	4000:1	4000:1	4000:1	4000:1
Type	VA	VA	VA	VA	VA	VA	VA	VA
Pixel Pitch (mm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Color Gamut	NTSC 72%	DCI-P3 93%	DCI-P3 93%	DCI-P3 93%	DCI-P3 93%	DCI-P3 93%	DCI-P3 93%	DCI-P3 93%
Operational Hour	24/7	24/7	24/7	24/7	24/7	24/7	24/7	24/7
CONNECTIVITY / SOUND								
Input Video / Audio	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3) DP 1.4 IN *1
Input Tuner	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Output Video / Audio	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)
USB	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) / +USB3.0 *1 (1A)
WiFi / BT	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ac_2T2R_20M/40M/80M Bluetooth 5.1
External Control	RS232 IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1
Speaker	10Wx2	10Wx2	10Wx2	10Wx2	10Wx2	10Wx2	10Wx2	10Wx2
MECHANICAL SPECS								
Product Dimensions	725×420×40 mm / 28.54×16.54×1.58 in.	963.4×552.3×27.9 mm / 37.93×21.74×1.10 in.	1118.8×639.8×31.9 mm / 44.05×25.19×1.26 in.	1231.8×703.3×27.9 mm / 48.50×27.69×1.10 in.	1452.0×827.0×27.9 mm / 57.17×32.56×1.10 in.	1675.0×953.0×29.8 mm / 65.94×37.52×1.17 in.	1899.20×1079.70×31.90 mm / 74.77×42.51×1.26 in.	2178×1247×82 mm / 85.8×49.1×3.2 in.
Package Dimensions	795×520×115 mm / 31.29×20.47×4.53 in.	1075×646×122 mm / 42.32×25.43×4.80 in.	1265×775×155 mm / 49.8×30.51×6.1 in.	1400×875×155 mm / 55.12×34.45×6.10 in.	1645×1007×170 mm / 64.76×39.65×6.69 in.	1850×1132×178 mm / 72.83×44.57×7.01 in.	2060×1267×191 mm / 81.10×49.88×7.52 in.	2384×1430×215 mm / 93.9×56.3×8.5 in.
Product Weight	5.3 kg / 11.68 lbs.	13.0 kg / 28.7 lbs.	14.6.kg / 32.2 lbs.	16.7 kg / 36.8 lbs.	24.9 kg / 54.9 lbs.	33.0 kg /72.8 lbs.	44 kg / 97 lbs.	46.4 kg / 102.3 lbs.
Package Weight	7.3 kg / 16.09 lbs.	15.0 kg / 33.1 lbs.	18 kg / 39.7 lbs.	21.9 kg / 48.3 lbs.	32.6 kg / 71.9 lbs.	44.0 kg /97.0 lbs.	62 kg / 136.7 lbs.	67.2 kg / 148.2 lbs.
VESA Mount	150 x 200 mm	300 x 300mm (Centered)	300 x 300mm (Centered)	200 x 400mm (Centered)	300 x 400mm (Centered)	300 x 600mm (Centered)	600 x 400mm (Centered)	600 x 500mm
VESA Mount Screw (Min-Max)	M6 x 12 mm	M6 x 12mm	M6 x 12mm	M6 x 12mm	M6 x 12mm	M6 x 12mm	M8 x 7.5mm	M8 x 7.5mm
Bezel Width (mm)	11.6 mm (Even)	9.9mm (Even)	9.9mm (Even)	9.9mm (Even)	9.9mm (Even)	10.4mm (Even)	10.4mm (Even)	3 Bezel-less
FEATURES								
Key	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)
Operating System	Android 13.0	Android 13.0	Android 13.0	Android 13.0	Android 13.0	Android 13.0	Android 13.0	Android 13.0
Processor	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55
Storage (FDM)	32GB	32GB	32GB	32GB	32GB	32GB	32GB	32GB
CMS / S/W	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS
CERTIFICATION								
Safety	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001	62368-1/ISO- 27701/ ISO-27001
EMC	Class B	Class B	Class B	Class B	Class B	Class B	Class B	Class B
Environment	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0
IP Rating	IP5X	IP5X	IP5X	IP5X	IP5X	IP5X	IP5X	IP5X
POWER								
Power Supply	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz
Power Consumption Max	75W	130W	150W	165W	200W	210W	220W	360W
Typical	60W	108W	125W	138W	167W	175W	185W	300W
Sleep Mode	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)	<0.5W (Standby mode, Power saving)
OPERATING CONDITION								
Temperature	0-45°C / 32-113°F	0-45°C / 32-113°F	0-45°C / 32-113°F	0-45°C / 32-113°F	0-45°C / 32-113°F	0-45°C / 32-113°F	0-45°C / 32-113°F	0-45°C / 32-113°F
Relative Humidity	20 - 80%	20 - 80%	20 - 80%	20 - 80%	20 - 80%	20 - 80%	20 - 80%	20 - 80%
ACCESSORIES								
Included	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2
Optional: Stand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Optional: Mount	WMB233	WM54-85	WM54-85	WM54-85	WM54A-85	WM34-85	WM34-85	WM34-85
WARRANTY								
5-Year Limited Warranty (English)								

* All Product Specifications Are Subject to Change Without Notice.

TCL

Digital Signage 24/7

Elite Line

TBN SERIES

SIZES AVAILABLE: **43" | 55" | 65" | 75"**

PRODUCT HIGHLIGHTS

Light Up Your Message

With its 400-nit brightness, this UHD signage presents content with exceptional clarity, ensuring maximum visibility for marketing campaigns in airports, retail spaces, and beyond.

5-Year Warranty

Backed by a powerful warranty program, our 5-year coverage ensures your display performs reliably, giving you peace of mind and confidence in your investment.

24/7 Operation

Engineered for 24/7 continuous operation, our displays deliver uncompromising reliability and performance around the clock, perfect for mission-critical environments.

Seamless CMS Integration

Our solution is software-agnostic, seamlessly integrating not only with our own CMS but also with partner CMS platforms, giving customers the flexibility to choose the ecosystem that best fits their need.

Even Bezel & Slim Depth

Slim depth with even bezels on all four sides creates a clean, balanced look, ensuring seamless alignment in both landscape and portrait modes.

DISPLAY PANEL	43"	55"	65"	75"
Model	TB43N	TB55N	TB65N	TB75N
Diagonal Size/Class	43"	55"	65"	75"
Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Typ.)	400	400	400	400
Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
Haze	AG 25%	AG 25%	AG 25%	AG 25%
Contrast Ratio (Typ.)	4000:1	4000:1	4000:1	4000:1
Type	VA	VA	VA	VA
Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%
Operational Hour	24/7	24/7	24/7	24/7
CONNECTIVITY / SOUND				
Input Video / Audio	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)
Input Tuner	N/A	N/A	N/A	N/A
Output Video / Audio	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)
USB	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)
WiFi / BT	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1
External Control	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1	RS232 IN*1 / OUT*1, IR IN*1
Speaker	10W x2	10W x2	10W x2	10W x2
MECHANICAL SPECS				
Product Dimensions	963.4×552.3×27.9 mm / 37.93×21.74×1.10 in	1231.8×703.3×27.9 mm / 48.50×27.69×1.10 in.	1452.0×827.0×27.9 mm / 57.17×32.56×1.10 in.	1675.0×953.0×29.8 mm / 65.94×37.52×1.17 in.
Package Dimensions	1075×646×122 mm / 42.32×25.43×4.80 in.	1400×875×155 mm / 55.12×34.45×6.10 in.	1645×1007×170 mm / 64.76×39.65×6.69 in.	1850×1132×178 mm / 72.83×44.57×7.01 in.
Product Weight	13.0 kg / 28.7 lbs.	16.7 kg / 36.8 lbs.	24.9 kg / 54.9 lbs.	33.0 kg /72.8 lbs.
Package Weight	15.0 kg / 33.1 lbs.	21.9 kg / 48.3 lbs.	32.6 kg / 71.9 lbs.	45.0 kg /99.2 lbs
VESA Mount	300*300 mm (Centered)	200*400 mm (Centered)	300*400 mm (Centered)	300*600 mm (Centered)
VESA Mount Screw (Min-Max)	M6 x 12 mm	M6 x 12 mm	M6 x 12 mm	M6 x 12 mm
Bezel Width (mm)	9.9mm (Even)	9.9mm (Even)	9.9mm (Even)	10.4mm (Even)
FEATURES				
Key	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)
Operating System	Android 13.0	Android 13.0	Android 13.0	Android 13.0
Processor	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55
Storage (FDM)	16GB	16GB	16GB	16GB
CMS / S/W	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS
CERTIFICATION				
Safety	62368-1/ISO- 27701/ISO-27001	62368-1/ISO- 27701/ISO-27001	62368-1/ISO- 27701/ISO-27001	62368-1/ISO- 27701/ISO-27001
EMC	Class B	Class B	Class B	Class B
Environment	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0
IP Rating	IP5X	IP5X	IP5X	IP5X
POWER				
Power Supply	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz
Power Consumption Max	130	165	200	210
Typical	108	138	167	175
Sleep Mode	< 0.5W (Standby mode, Power saving)	< 0.5W (Standby mode, Power saving)	< 0.5W (Standby mode, Power saving)	< 0.5W (Standby mode, Power saving)
OPERATING CONDITION				
Temperature	0~45°C / 32~113°F	0~45°C / 32~113°F	0~45°C / 32~113°F	0~45°C / 32~113°F
Relative Humidity	20 - 80%	20 - 80%	20 - 80%	20 - 80%
ACCESSORIES				
Included	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *2 (US*1 & EU*1), Remote Control *1, Battery *2
Optional: Stand	N/A	N/A	N/A	N/A
Optional: Mount	WM54-85	WM54-85	WM54A-85	WM34-85
WARRANTY				
5-Year Limited Warranty (English)				

* All Product Specifications Are Subject to Change Without Notice.

VIDERI EMBEDDED.
EXPANDING POSSIBILITY WITH PROVEN HARDWARE.

Benefits for End-Users

All-in-One Simplicity
No media players or extra infrastructure—just power up and go.

Lower TCO
Reduce hardware complexity and IT support costs while gaining access to a complete CMS + MDM platform.

Secure & Remote-Ready
Fully managed from the Videri Portal, with proactive alerts and network-aware controls.

Flexible Rollout Models
Ideal for single-location use or large-scale deployments with local and global control.

How It Works

- TCL commercial displays ship with Videri Embedded as a selectable setup option
- Customers activate Videri and follow a guided provisioning flow
- Devices connect automatically to the Videri Portal for management
- No third-party APK installation or side-loading required

Use Cases

Digital signage in retail, QSR, grocery, and hospitality

Digital merchandising and trade marketing programs

Internal communications and enterprise displays

About the Partnership

This co-developed solution reflects Videri's Embedded strategy—partnering with hardware leaders like TCL to bring Videri's easy, interoperable experience to more screen types and use cases. Together, we're simplifying digital signage, one display at a time.

To learn more, contact a Videri sales representative at info@videri.com or visit videri.com

Founded in 2013, Videri is an end-to-end digital display platform that enables marketers and businesses everywhere to create impactful experiences at the point of decision. With more than 100,000 Videri Digital Canvases deployed across more than 80 countries, Videri powers the digital content of some of the world's largest global brands at scale.

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