



MOKA Signage Display Series DS60P50

With BrightSign Built-In

TCL MOKA DS60P series digital signage display delivers remarkable 4K ultra-high definition video quality. Equipped with a professional-grade anti-glare panel, it ensures exceptional visibility from every angle. It provides an ultra-thin screen design with slim bezels, making it perfect for a wide range of commercial digital signage applications.

Powered by BrightSign Built-In SoC (System-on-a-Chip), it integrates top-quality display performance with the trusted excellence of BrightSign for an all-in-one solution that delivers unmatched efficiencies, reliability, and uptimes. The seamless integration runs on BrightSignOS™ known for its unrivaled security, self-healing capabilities and free updates that ensure longevity, making the DS60P series the premier choice for a SoC commercial display solution.



Product Features



4K high-definition video quality

With ultra-high definition 4K video, the DS60P series brings stunning clarity and precision to every frame for an incredibly realistic visual experience.



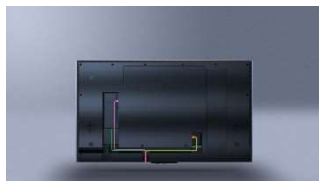
Anti-glare display presents a stunning visual effect

DS60P series offers up to 500-nit brightness and reliable anti-glare panels with excellent visibility 24/7.



Ultra-thin symmetrical design

Slim and symmetrical design of the DS60P series significantly simplifies the wall mounting for displays. Ultra-narrow quadrilateral design supports horizontal and vertical placement.



Simple cable management

Cable guide grooves in DS60P series design provide a clean installation and visually appealing experience.

BrightSign Built-In

This DS60P series seamlessly integrates the power and reliability of BrightSign HS145 SoC directly into the display for streamlined digital signage deployments. Powerful enough for professionals yet easy to use, the built-in BrightSign HS145 player and BrightSignOS™ provide extensive signage capabilities, exceptional performance, unmatched security, and a legendary history of reliability.



All-In-One Digital Signage Design

This sleek, all-in-one solution simplifies installations with less cabling and a slim profile that easily fits into any environment, and it is equipped with ethernet and a dual-antenna Wi-Fi module always to ensure a reliable connection. Compatible with all BrightSign software, services, and integrated CMS (Content Management System) solutions, it comes with a free Control Cloud subscription for remote device monitoring and management. The DS60P series offers simplicity, cost-efficiency, and performance by combining a premium display with the power of a BrightSign SoC player, creating an all-in-one solution perfect for any commercial digital signage need.

Product Specification

DISPLAY

Screen Size and Resolution	50" 4K
Screen Type	TFT LCD
Panel Type	Commercial Display
Brightness	500 cd/m ²
Aspect Ratio	16:9
LCD Viewing Angle	178°
LCD Response Time	8 ms
LCD Refresh Rate (Panel)	60 Hz
LED Lifespan	50,000 hours
Contrast Ratio	4000:1 Dynamic
Surface Haze	25%
Hard Coating	3H
Color Gamut	≥85%
Working Time	7*24H

BUILT-IN BRIGHTSIGN HS145 SOC

Real Time Clock	14 days
Dual Antenna Wi-Fi & Bluetooth	2.5GHz & 5GHz, 802.11ac protocol
Customizable Resolutions	Yes
HTML5	Standard HTML widgets & graphic animations
Video Decoding	Single 4K60p or dual Full HD
4K Video Codecs	H.265(60p) & H.264(30p)
4K Video Containers	.ts, .mov, .mp4, .mkv
4K Video	3840x2160 23.97/24/25/29. 97/30/50/59.94/60p
Full HD Video Codecs	H.265, H.264(MPEG4, part10), MPEG2
Audio	MP2, MP3, AAC and WAV (AC3 is passed through)
Images	BMP, JPEG, PNG

HARDWARE INTERFACE

Ethernet (RJ45)	1
USB-A	1
HDMI Input	1
Serial: RS-232 (mini jack)	1
MicroSD Slot (side panel)	1 MicroSD is not included

SOFTWARE

OS	BrightSignOS™
BrightAuthor:connected	Free (Windows, Mac, and Chrome)
BSN.cloud Control Cloud	Free
BSN.cloud Content Cloud	Optional
Compatible CMS	Your choice of BrightSign compatible CMS partner solutions
BrightSign Mobile Service	Optional

AUDIO

Built-in Speakers	10W*2 6Ω
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POWER

Input	100~240V@50/60Hz
Rated Power	≤140W
Standby Power	≤0.5W
Work Environment	temperature-10°C ~ 40°C
Storage Environment	temperature-20°C ~ 60°C

ACCESSORIES

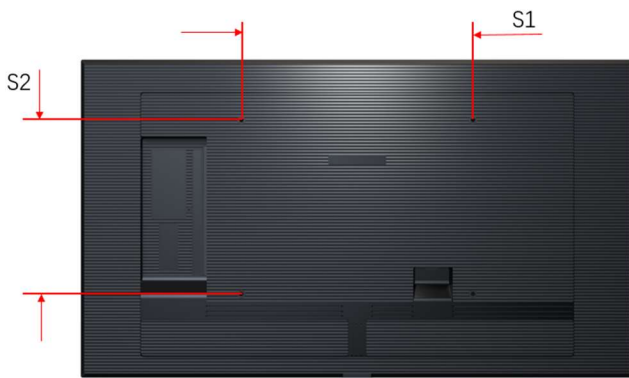
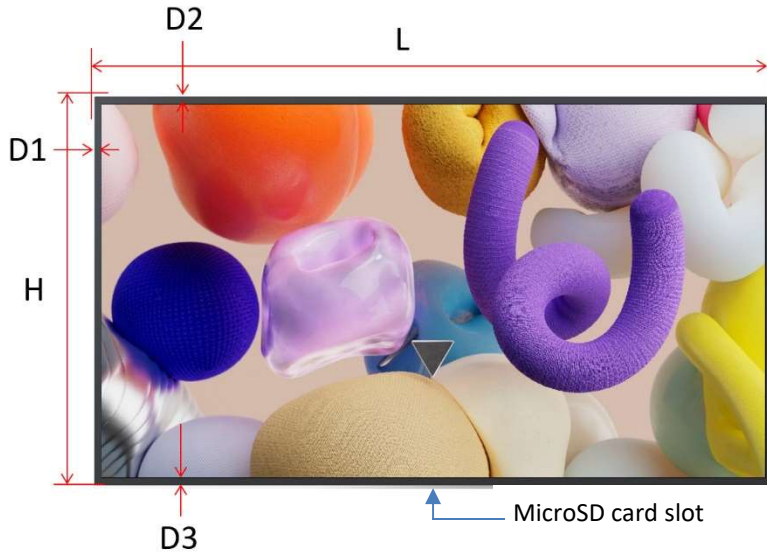
Remote Control Unit	Yes
Micro SD Card	No

MISCELLANEOUS

Dimensions (W x H x D)	1125.8mm*646.8mm*41mm
Net Weight	12.6KG
Warranty, Parts & Labor	2 years

TECHNICAL DRAWINGS

50" Display



	L	H	D1/D2	D3	W1	W2	S1	S2
MOKA DS60P50	1125.8mm	646.8mm	10.6mm	13.3mm	26.5mm	41mm	400mm	300mm

HARDWARE INTERFACE

