ONYX

Horizontal Interactive Information Touch Screen

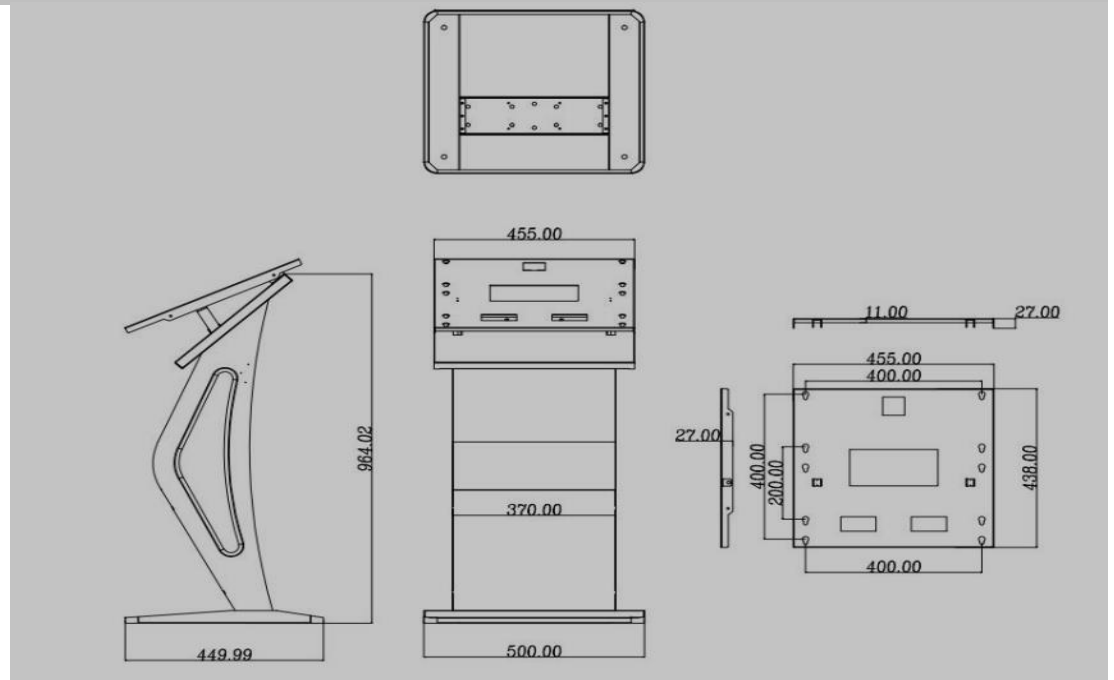
Onyx Horizontal Interactive Information Touch Screen

A sleek and powerful interactive display with Android 13.0, RK3588 processor, 4GB RAM, and 128GB storage. Features a 1920x1080 capacitive touch screen, 5.8GHz Wi-Fi, Bluetooth, CMS support, and a 45° adjustable base—perfect for retail, hospitality, and public spaces.

	Basic model	OXHKFHD43A13
Panel	Display size	43'' inch
	Number of colors	16.7M/1.07B, 68% [CIE1931]
	Screen display size	943 × 531.5 mm (H×V)
	Physical resolution	1920x1080
	Material	Metal case with tempered glass+ drawing process
	Base	45°adjustable K base
	Brightness	350 nits
	Contrast	1200: 1 (Typ.) [transmission]
	Touch screen	Capacitive touch
	Optical mode	IPS, constant black display, transmission mode
	Viewing angle	89/89/89/89 (Min.) (CR > 10)
	Visible size	1730 × 583mm (H×V)
	Additional functions	Could CMS , splitscreen, timing;
	Screen type	LCD module, a-Si TFT-LCD
Mayn parameters	Audio	Support standard left and right channel line output; support 3.5mm audio output interface
	Amplifier	2-way output (default 8 ohm 5 watt, compatible with 8 ohm 10 watt dual-way audio amplifier output)
	Operating system	Android 13
	CPU	RK3588 , octa-core 64-bit big and small core architecture , 4*Cortex-A76 + 4*Cortex- A55 , Android13
	GPU	5-way IO input and output control , can be used for key scanning control
	Memory	4GB
	Buikt-in storage capacity	128GB
	Network	Support Gigabit Ethernet Support 2.4G/5G dual-mode Wi-Fi, support 6th generation wireless technology (Wi- Fi 6), support Bluetooth 5.0
	Refresh rate	60Hz
	Display interface	1*LVDS interface(Single channel/Dual-way,6Bit/8Bit) support3.3V /5V/12Vpowered by, 1* HDMI 4Kshow/1* eDP interface(Choose one, default HDMI OUT,eDP The interface is not posted by default) 1* MIPI interface,1* V-By-One interface,1* HDMI IN interface, onboard backlight control support12VBacklight power supply

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	Serial port	4 UARTs , 1 DEBUG , 1 MCU burning serial port ; RS232, RS485 optional
	Touchscreen	Support USB multi-point infrared touch , multi-point capacitive touch, multi-point nano film touch, multi-point acoustic wave touch, multi-point optical touch
	RTC	Built-in real-time clock function,Support timed power on/off
	USB, Lan	1 USB 3.0 HOST , 1 USB 3.0 OTG , 5 USB expansion ports (EX-USB and PCIE-4G are multiplexed), Supports Lan
	Color	Black
	Surface treatment	foggy surface (Haze 1%), Hard coating (3H)
	GPIO	5* IO Input and output control,Can do key Scan Control
Software Specifications	Operating system	Android 13.0
	Cloud	Cloud CMS
	Audio	MP3 , WMA , WAV , APE , FLAC , AAC , OGG , M4A , 3GPP and other formats
	Video	video formats such as MPEG-1 , MPEG-2 , MPEG-4 , H.263 , H.264 , H.265 , VC-1 , VP9 , VP8 , AV1, etc
	Picture	Support various image formats such as JPG, BMP, PNG, etc.
	System built-inapplication software	Calculator, recorder, calendar, settings, clock, video player, gallery, camera, music, resource manager, browser, HDMI IN , etc
	Language	Support multiple languages
	Software update method	Lan, SD, others
	microphone	MIC input
Environment	Workplace	Indoor
	Operating temprature	-20 ℃ ~70 ℃
	Storage temperature	-40 ℃ ~70 ℃
	Working humidity	10%～90% , no condensation
	Storage humidity	<65dB10%～90% , no condensation
Warranty	Warranty Period	4 Year
	Technical Support	Lifetime

Machine dimensions Unit: mm

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onyxdisplay.com

Calle cordel de pavones 40B 1B. Madrid. Spain. Phone: + 34 642 636 652