BOE



High End Display

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4K/8K UHD display shows clear, smooth and vivid pictures; ADSDS technology, super-wide viewing angle; ultra-high color expressiveness. Simple and sober design style contributes to its light fashionable and good-looking features. Minimalist UI design makes for aesthetic interfaces and eliminates redundant operations. Excellent sound effects and multi-level expressions across various ranges bring an auditory tour deforce.

Panel

Diagonal Size	110″	98″
Display Area(H×V, mm)	2436.48×1370.52	2158.848×1214.352
Resolution	3840×2160	3840×2160
Brightness (nits)	500	500
Contrast Ratio	1500:1	800:1
Dynamic Contrast Ratio	50000:1	50000:1
Response Time (ms)	6	6
Pixel Pitch (mm)	0.211×0.634	0.56×0.562

Ports

Video Input	3×HDMI，1×VGA，1×YPbPr, 2×USB 2.0，1×AV，UHD（DVI×4 channel）	2×HDMI，1×VGA，1×YPbPr, 2×USB 2.0，1×USB 3.0, 1×TV
Audio Input	1×RCA jack, 1×3.5 jack	1×RCA jack, 1×3.5 jack
Audio Output	SPDIF(Optical),1×3.5 jack	SPDIF(Optical),1×3.5 jack
Built-in Speakers	2×10W(6ff)	
Set Dimensions in mm (W*H*D in mm)	2512.6×1469.8×118	2202.6×1337.84×84.1

Physical Specifications

Set Dimensions in mm (W*H*D in mm)	2512.6×1469.8×118	2202.6×1337.84×84.1
Display Weight in Kg	140	110
Bezel Width in mm	38	24.1
VESA Mount	870×500	870×500
MTBF (hrs)	15000	30000

BOE Website



Splicing Display

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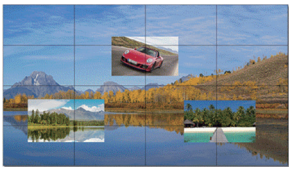

Ultra-narrow bezel: seamless splicing creates a huge screen to offer you fresh visual experience. Accustomed splicing: Matrix control for easy splicing, screen combination at your will. Perfect screen splitting: Automatic dislocation compensation, perfect seamless splicing, Abundant control ports, optional control modes.

Panel

Diagonal Size	49″	55″	55″
B-B (mm)	3.5	3.5	3.5
Resolution	1920×1080	1920×1080	1920×1080
Pixel Pitch (mm)	0.1865×0.5595	0.21×0.63	0.21×0.63
Response Time (ms)	8	8	8
Brightness(nits)	500	500	800
Contrast Ratio	1400:1	1200:1	4000:1
Weight(kg)	18	30	30

Ports

Input	HDMI×1,VGA×1,DVI×1,CVBS×1
Output	CVBS×1
Communication	RS232

Environment

Temperature（℃）	0~50
Humidity	20%~80%(no condensing)

Others

Installation Mode	Cabinet/rack/wall-mounted
Operation Mode	Centralized computer control
Cooling System	Fan cooling system with intelligent temperature control

BOE Website



Digital Signage

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Ultra slim body, metal base and aluminum alloy frame, simple and fashionable. Multicast, video on demand, inter-cut, multiple modes, free choice. Any position of the whole display area can be selected to freely display in any format. Bright color: High contrast, bright and vivid pictures. Smart dimming: Automatic adjustment to adapt to complex ambient light. Super-wide viewing angle: 178°viewing angle gives wonderful experience. Android and Windows system make the digital signages can be managed in a much smarter way.

Panel

Diagonal Size	21.5″	32″	43″	49″	55″	65″	75″	86″
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	3840×2160	3840×2160
Brightness(nits)	250	350	400	450	450	500	450	450
Response time (ms)	8	8	8	8	8	8	8	8
Life(hrs)	>60,000	>60,000	>60,000	>60,000	>60,000	>60,000	>60,000	>60,000
State Contrast	2000:1	2000:1	1200:1	1300:1	1200:1	1200:1	1200:1	1200:1

Ports

USB IN	2/4
Signal Port	HDMI×1,VGA×1 (for windows)
Network Port	Ethernet 1000Mbps LAN,WiFi

Application

Operating system	Android or Windows

For Outdoor Products the following specification are applied

Brightness (nits)	Customized	2000-3000
Contrast	Customized	5000:1
Working temperature (℃)	Customized	-20-50℃
Storage humidity	Customized	0%-85%
Waterproof grade	Customized	Outdoor IP65/66
Temperature control	Customized	Air conditioning refrigeration (can be customized)

BOE Website



Interactive White Board

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Ultra-narrow bezel, Accurate positioning, sensitive feedback, multi-touch without dead zone. Anti-glare screen gives clear display without disturbance by strong light. Sufficient ports for inputting and outputting audio and video data; one-key switch among different modes. Keys and ports are designed on the side, user-friendly and good-looking. Modular assembly and multiple combinations allow easy installation and integrated dust prevention.

Panel

Diagonal Size	55”	65”	70”	75”	86”
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Resolution	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160
Pixel Pitch (mm)	0.315×0.315	0.372×0.372	0.401×0.401	0.429×0.429	0.4935×0.4935
Response Time (ms)	8	8	8	8	8
Display Color	1.07B(10 bit)	1.07B(10 bit)	1.07B(10 bit)	1.07B(10 bit)	1.07B(10 bit)
Brightness (nits)	350	350	330	330	330
Contrast Ratio	1200:1	1200:1	1200:1	1200:1	1200:1
Life Time (hrs)	30000				

PC configuration

Speaker Type	Built-in Speaker				
Output Power	12W×2	12W×2	12W×2	12W×2	12W× 2
Ports	1×HDMI Out, 4×USB 2.0, 2×USB3.0, 2×Touch Out, 1×HDMI 2.0 In, 2×HDMI 1.4 In, 1×DP In, 1×VGA In, 1×Audio In, 1×AV In, 1×RS232 Control, 1×Audio Out, 1×LAN, 1×COAX Out				

Touch writing system

Sensing Type	Infrared recognition	
System	Windows 10/8/7/xp/vista, Linux/Mac/Android/Wince/Chrome	
Touch Point	10 points writing and 20 points touch	
Writing Response	Single-touch≥ϕ6mm and multi-touch≥ϕ8mm	
Touch Tool	Finger, Finger cover by glove, Opaque Objects	
Response Time (ms)	＜15	＜20
Accuracy	±2mm(over 90% Area)	
Communication Mode	Full-speed USB(driver free)	
Interface	USB2.0 type B	
Touch Drive	Free drive	
Surface Hardness	Toughened Glass with level 7 of Mohs Standard	
Output Coordinate	32767×32767	

BOE Website



Special Display

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BOE special displays include vehicle mounted LCD display, railway transportation LCD display, high brightness LCD display, public use LCD display, LCD monitor, medical use LCD display, industrial tablet LCD display and HMI etc. Customized design can be made as per customers' requirement. The main features of BOE special displays include high reliability, wide temperature range, shock resistance, anti-vibration, anti-electromagnetic interference, fire protection, waterproof, redundant design and EN50155/EMC/ environment certification.

Application	HMI	Information Display	Dynamic Routine Map	CRH Video Entertainment System
Diagonal Size	12.1″	18.5″ / 21.5″ / 23.6″	28″	10.1″
Resolution	1024x768	1366x768 / 1920x1080 / 1920x1080	1920x360	1024x768/1920x1080
Brightness (nits)	300	400 / 350 / 300	700	300
Interface	VGA	VGA Differential/Ethernet	VGA Differential/Ethernet	VGA
Material	Metal	Metal	Metal	Aluminum
Other	Touch screen	Android	Android	Infrared sensor

Project list

Subway	PIS	Domestic: Beijing, Shanghai, Guangzhou, Shenzhen, Dongguan、Hangzhou, Suzhou、Haerbin、Shenyang、Wuhan、Kunming
		Oversea: Bangladesh, Turkey, Malaysia, Italy ,Russia
	TCMS	Oversea: Turkey, Italy, Malaysia
	Monitors	Domestic: Guangzhou, Wuhan, Shenzhen, Dalian
	Dynamic Route	Domestic: Shanghai, Chengdu, Qingdao
High Speed Train	PIS	CRH3-380, CRH-200, CHR-160, Standard High Speed Train
	Entertain Display	CRH3-380,CRH-200,Standard High Speed Train

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Transparent Display

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Adjustable transparency: Free choice of transparency level achieves both realistic and magic effects. Super ADSDS Panel: Resistant to push and press, fully displaying natural colors. Super-wide viewing angle: 178° viewing angle gives wonderful experience. Excellent denoising: Allowing clear and smooth display of delicate FHD pictures. Sensitive touch control: Multi-touch function makes interaction control a piece of cake. Integrated design: Integrated module allows easy assembly and disassembly. Multiple modes: One-key switch among different multimedia ports.

Panel

Diagonal Size	46″
Screen Type	High-transmittance TFT-LCD screen
Resolution	1920×1080
Brightness (nits)	130
Contrast Ratio	800:1

System

Operating System	Android or Windows
Ports	USB 2.0, USB 3.0,HDMI port, VGA out,DC Power Port, Gigabit LAN (RJ45)*1,

Environment

Operation Temperature(˚C)	0 ～ 35
Operation Humidity	20% ～ 80% (non-condensing)
Storage Temperature(˚C)	-25 ～ 55
Storage Humidity	10% ～ 75% (non-condensing)

BOE Website



Magic Mirror Display

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LCD magic mirror is one kind of mirror advertising carrier, appearance succinct and fashionable. It is a new multimedia tailor-made smart carrier for high-end consumers with abundant appliances and smart control functions. Magic mirror has various modes, such as beating, gradients, flashing, etc., breaking the stiffness of traditional media pictures. It also has mirror functions, put into the washing room, targeting males and females for advertising.

Panel

Diagonal Size	15.6"	21.5"	23.6"	27"
resolution	1920x1080	1920x1080	1920 x 1080	1920 x 1080
Brightness(typ) (nits)	250	250	250	300
Contrast (typ)	700:1	1000:1	4000:1	1000:1
Response Time (ms)	25	14	8.5	3.8
Pixel Pitch(mm) (HxV)	0.0825x0.2475	0.0825x0.2475	0.2715x0.2715	0.2715x0.2715
Life (hrs)	30000	30000	50000	30000
Display Area(mm)(HxV)	344.16x193.59	475.2x267.3	521.28x293.22	597.6x336.15

System

CPU	RK3288	RK3288	RK3288	RK3288
GPU	Mali-T764	Mali-T764	Mali-T764	Mali-T764
RAM	2GB DDR3	2GB DDR3	2GB DDR3	2GB DDR3
ROM	8GB Emmc flash (16/32G Optional)	8GB Emmc flash (16/32G Optional)	8GB Emmc flash (16/32G Optional)	8GB Emmc flash (16/32G Optional)
OS	Android with English	Android with English	Android with English	Android with English
Touch Panel	GFF 10 Points	GFF 10 Points	GFF 10 Points	GFF 10 Points
Input Port	2 USB HOST, 1USB OTG	2 USB HOST, 1USB OTG	2 USB HOST, 1USB OTG	2 USB HOST, 1USB OTG
Output Port	HDMI2.0, 4K HD output	HDMI2.0, 4K HD output	HDMI2.0, 4K HD output	HDMI2.0, 4K HD output
SD Card reader	TF/Micro SD 2.0 maximum support 64G	TF/Micro SD 2.0 maximum support 64G	TF/Micro SD 2.0 maximum support 64G	TF/Micro SD 2.0 maximum support 64G
Speaker	2*3W/4ff(Built-in)	2*3W/4ff(Built-in)	2*3W/4ff(Built-in)	2*3W/4ff(Built-in)
Voice Control	Optional	Optional	Optional	Optional
Human detection	Optional	Optional	Optional	Optional

Network

WiFi Type	WIFI 802.11B/G/N	WIFI 802.11B/G/N	WIFI 802.11B/G/N	WIFI 802.11B/G/N
RJ45 10M/100M	1	1	1	1
Bluetooth Version	V4.0	V4.0	V4.0	V4.0

Others

Input voltage	AC100V-240V, 50-60HZ	AC100V-240V, 50-60HZ	AC100V-240V, 50-60HZ	AC100V-240V, 50-60HZ
Power consumption（W）	≤40	≤40	≤40	≤40
Working temperature（℃）	0-40	0-40	0-40	0-40
Working Humidity	20%-80% Non-Condensing	20%-80% Non-Condensing	20%-80% Non-Condensing	20%-80% Non-Condensing
Protection Level	IP65	IP65	IP65	IP65

BOE Website



Bar Display

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Display queuing information, compatible with various queuing systems, convenient switch between queuing information and product introduction videos. Support video playback function: new videos, advertising videos, propaganda films etc. Support image playback function: news photos, advertising images, propaganda posters. Support real-time text information push function; weather, notification, foreign exchange rate, financial products and other real-time information.

Panel

Diagonal Size	28″	37″
Resolution	1920×360	1920×290
Brightness (nits)	400	350
Response Time (ms)	6.5	6.5

System

Video Formats	H.264, MOEG4	H.264, MOEG4
Image Format	JPEG,PNG	JPEG,PNG
Internal Storage	DDR3 1GB, Emmc 4GB	DDR3 1GB, Emmc 4GB
Ethernet	10M/100M bps	10M/100M bps
OS	Android	Android
Overall Dimension (W×H×D)(mm)	731.2×165.4×10.8	1059×167.5×70

Environment

Operating Temperature（℃）	0~50	0~50
Storage Temperature（℃）	-20~60	-20~60

Ports

Power and communication input port	WAGO 721-606/019-044	WAGO 721-606/019-044
USB	USB2.0×2	USB2.0×2
Ethernet Port	DB9	

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