

Outdoor Standy High Brightness IP66 Monitor/ Signage

CALKiN
digital solution



**Super Clear, High Contrast Screen
Full Outdoor / Light Weight**

CA32I790WP / CA43I790WP / CA49I790WP / CA55I790WP / CA65I790WP



Super narrow bezel,elegant design

The outdoor integrated smart screen has an ultra-narrow frame of 38mm, an ultra-thin thickness of 98mm, and a large screen ratio of 96%, making it narrower, thinner and lighter than conventional outdoor devices.



Optical Bonding Full Fitting Design

Outdoor integrated smart screen adopts LCD optical bonding integrated design. There is no cooling channel in front of the screen, no dust removal and maintenance, and can be easily determined to adapt to various external environments.

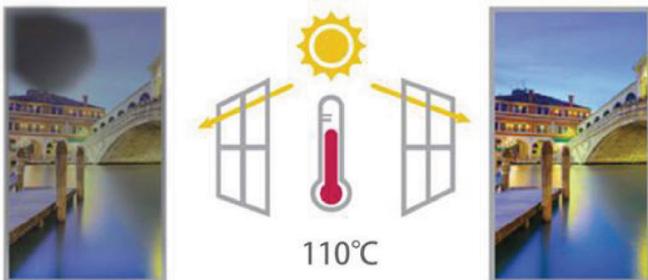


Military Superconducting Technology, Fast Heat Dissipation

The military superconducting heat dissipation technology adopted by the outdoor integrated smart screen, The heat can be exported at the fastest speed, and the maximum reduction. Few cooling fans or no fans for cooling.

Industrial Grade Screen High Temperature Resistance

Even in direct sunlight, the outdoor all-in-one smart screen can resist blackening defects up to 110°C and remains the same the clear display image of the conventional screen is only 70°C.



Other

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IP66 protection, stable and reliable

The protection level of the outdoor integrated smart screen is IP66, which can prevent water, dust, sun, cold, anti-corrosion, anti-theft, etc., so it is stable and reliable in almost all outdoor weather used.



High brightness and clear display

Outdoor integrated smart screen with 3,500nits brightness and 24*7 All-weather performance provides excellent outdoor display, often the standard outdoor unit can only do 2000nits.



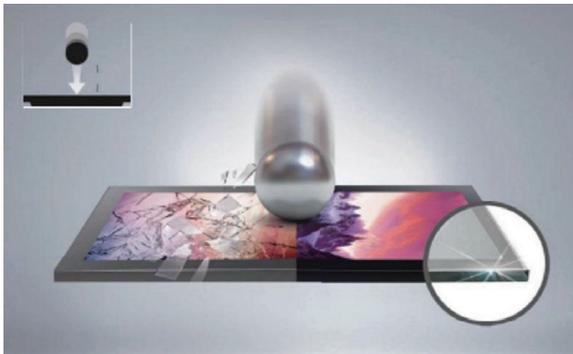
Circularly polarized, visible under sunglasses

Circularly polarized LCD makes the display angle of outdoor integrated smart screen good view the screen from almost any angle, in landscape orientation. The vertical screen placement is also friendly to sunglasses.



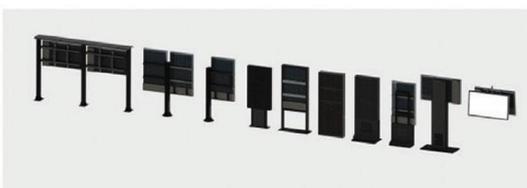
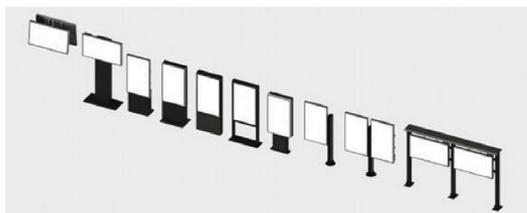
Tempered glass explosion-proof and anti-smashing

IK10 grade 9MM double layer with outdoor integrated smart screen configuration AR laminated glass provides the best solution for outdoor complex environmental factors. optimal protection to minimize damage from external impacts damage.



Smart light sensor, low power consumption

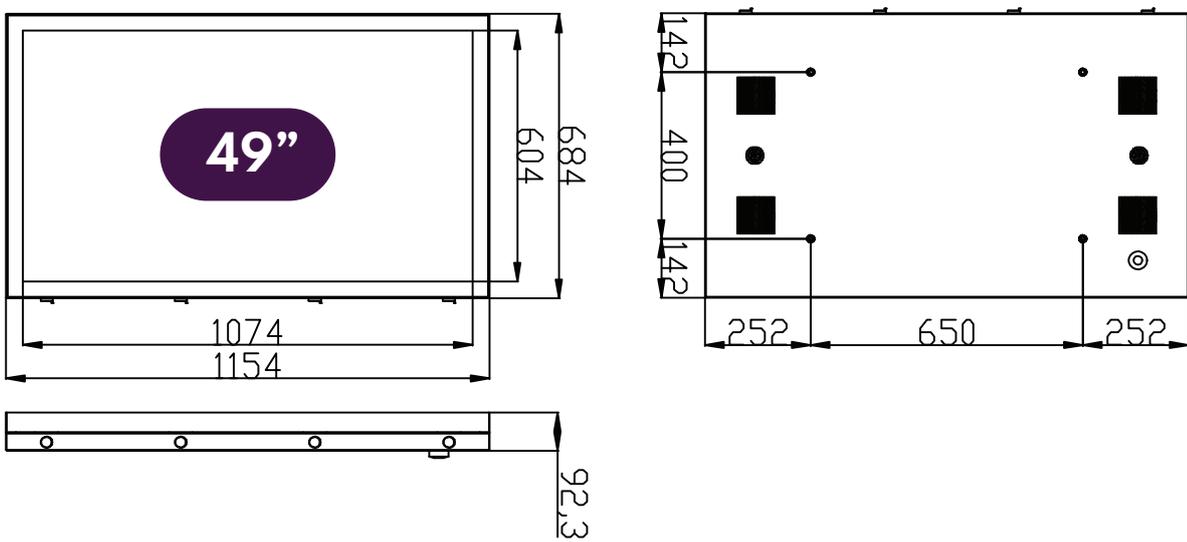
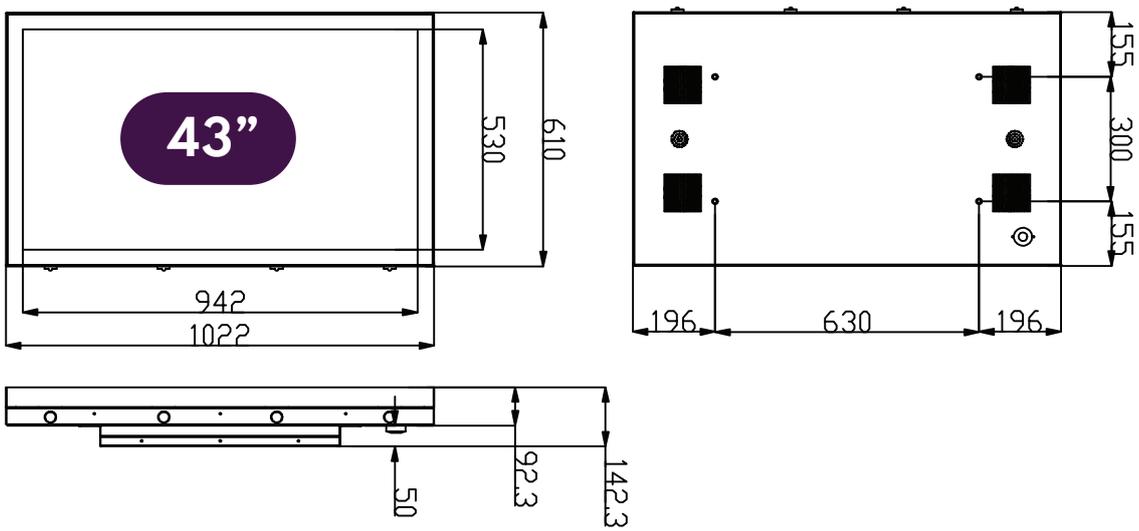
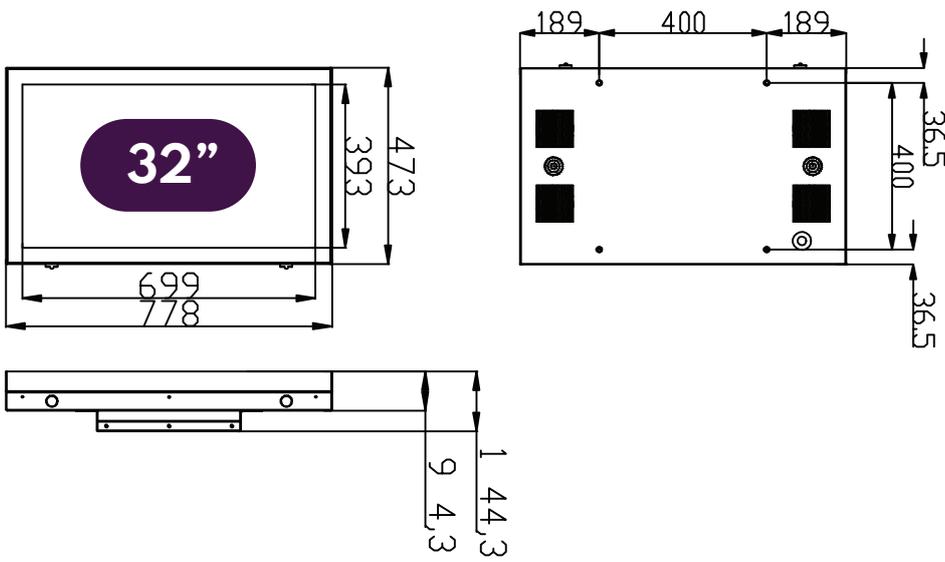
The automatic brightness sensor automatically adjusts the brightness of the light from the outside world Control the brightness of the LCD screen, thereby reducing power consumption to the greatest extent, Energy saving and environmental protection.



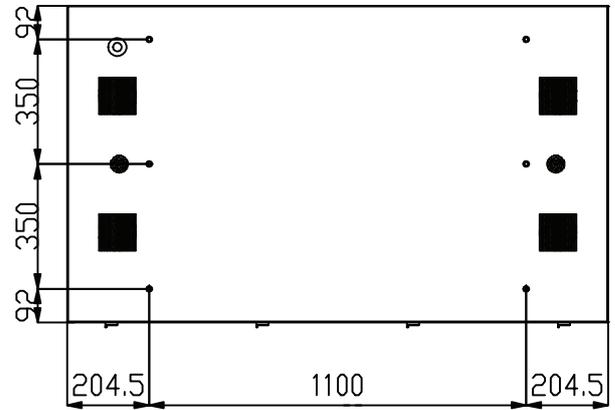
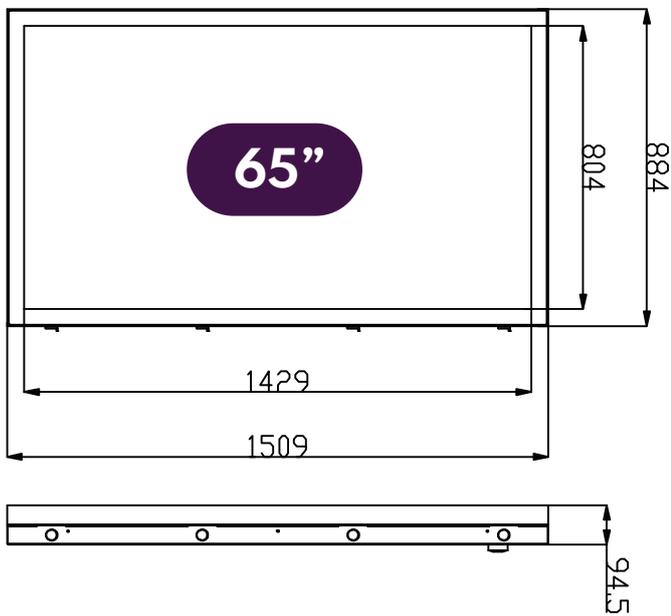
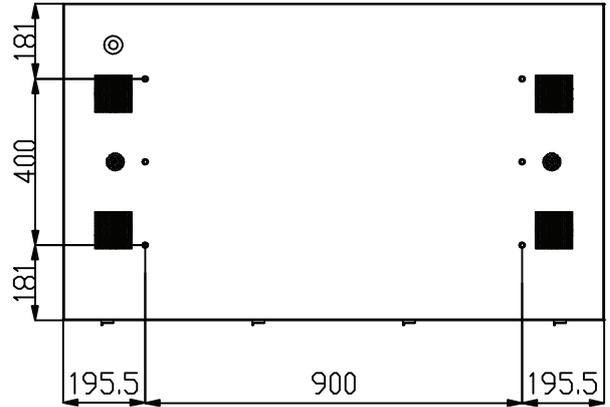
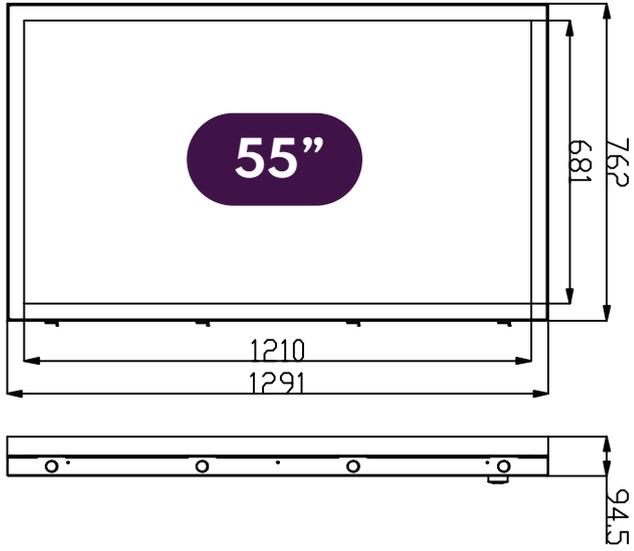
Diversified usage scenarios

The use of the outdoor integrated smart screen can be tailored to different diversified design of application scenarios.

Dimension



Dimension



Specification

Model	CA321790WP	CA431790WP	CA491790WP	CA551790WP	CA651790WP
Model Number	32	43	49	55	65
Backlight Type	LED/Direct LED				
Display Dimension (mm)	698 x 392	941 x 529	1074 x 604	210 x 680	1429 x 804
Display Scale	16:9				
Resolution	1920 x 1080				
Display Color	16.7 M				
Brightness	2500 - 3500 cd/m2				
Contrast	3500 : 1				
Viewing Angle	178 (H) / 178 (V)				
Response Time	6 ms				
Life Span	50,000 hrs				
Main Board	Android Signage (Calkin CMS)/ Windows Motherboard/ Monitor inputs (optional)				
Video Format	MPG, MPG-1, MPG-2, MPG-4, AVI, MP4, TS, MKV, WMV etc.				
Image Format	GIF, JPEG, PNG, BMP				
Audio Output	10 W				
Audio Format	MP3, 24 bit Linear PCM7.1				
Other Format	PDF, RSS News, Weather Report				
Networking Method	RJ45, Wifi, 4G, (Optional)				
Update Method	Remote, USM Flash				
Display Mode	Horizontal, Vertical full / split screen				
Program Upgrade	Remote & Hardware Upgrading				
Timing Swith On/Off	Support anytime period				
Working Temperature	-20 ~ 70				
Storage Temperature	-10 ~ 60				
Working Humidity	5% ~ 100%				
Storage Humidity	5% ~ 90%				
Noise	< 58 dB				
Protection Level	IP66				
Product Size	661 x 1106 x 98				
Frame Color	Black / White / Gray / Red / Silver				
Power Input	AC220 / 110V+/-10%, 50/60 Hz				
Rated Power (mm)	130	180	260	300	400
Weight (kg)	35	45	60	65	90

