Calling all

attention-seekers.

onQ DIGITAL

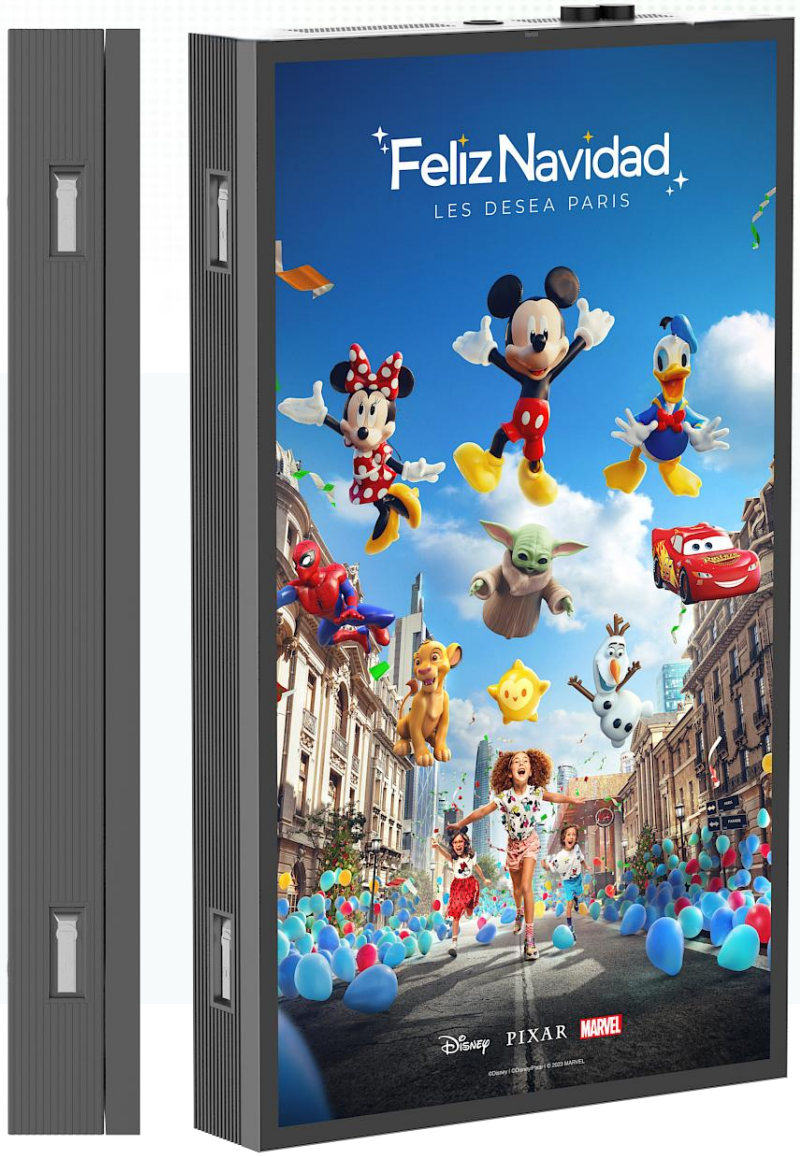
Wall Mount LCD Digital Display

Outdoor

Wall Mount LCD

Engineered for Outdoor Brilliance

Our IP66-rated outdoor LCD displays are purpose-built for the harshest environments—delivering high reliability, exceptional visibility, and industry-leading durability.



IP66 Weatherproof Construction

Fully sealed protection against water, dust, and environmental contaminants.

Super-Slim Bezel — 26mm

A sleek, modern ultra-narrow bezel enhances visual impact and blends into any environment.

Ultra-High Brightness – 3000 nits

Stunning clarity even in direct sunlight, ensuring your content is always seen.

Low-Noise Cooling System

Optimised airflow ensures stable performance without intrusive fan noise.

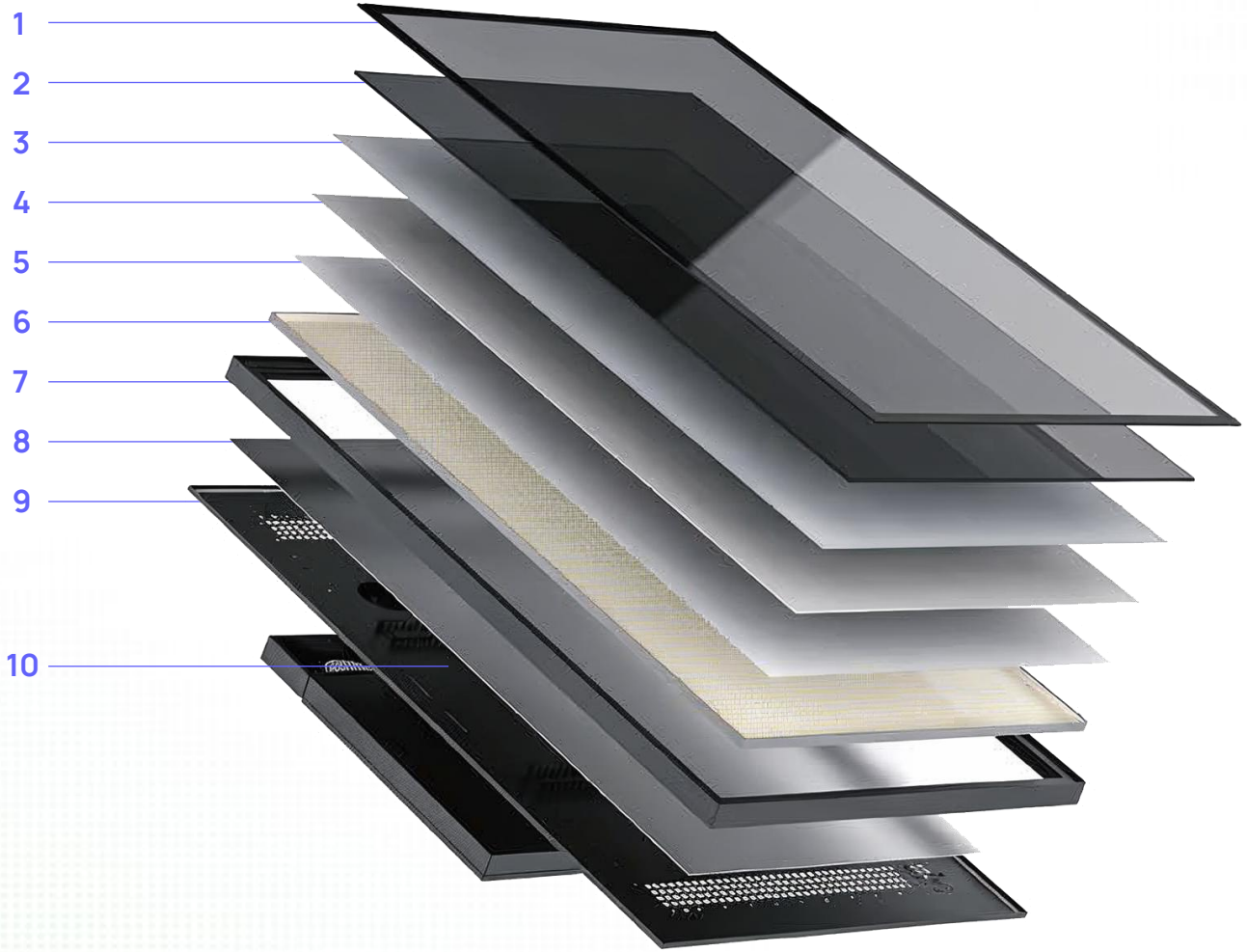
Overheat Protection

Intelligent thermal management prevents LCD blackening and extends panel lifespan.

Auto Brightness Adjustment

Adaptive ambient-light sensing delivers optimal viewing while saving energy.

Available in sizes:	43“ 55“ 65“ 75“



1 IK10 tempered protective glass Anti-Glare)

2 Heat-resistant 3M DBEF film

3 Heat-resistant diffusion plate

4 Aluminum framework

5 Aluminum waterproof backplate

6 High TNI LCD 110℃, Non-Blacking Tech

7 Heat-resistant Brightening film

8 Low heat & low consumption & long life OD10 Mini LED backlight

9 Fully Sealed IP66 Aluminum waterproof groove

10 Waterproof electronical box

Precision-Built for Longevity

Our outdoor LCD displays feature a meticulously engineered multi-layer structure that enhances durability, heat resistance, and visual clarity.

The result

A premium outdoor LCD solution that resists heat, UV, corrosion, moisture, and daily wear—while maintaining exceptional image integrity.

Dustproof

Prevents ingress for long-term stability

Waterproof

Fully sealed IP66 enclosure

Resistant to Heat

High-TNI LCD prevents blackening up to 110°C

Resistant to Cool

Maintains operation in sub-zero conditions

All-Weather Performance, All-Year Reliability

Designed for the most demanding conditions, our outdoor LCD monitors deliver consistent performance in extreme heat, freezing temperatures, heavy rain, high dust zones, and coastal environments.

Smart Brightness Control

A built-in ambient light sensor automatically adjusts screen brightness for perfect viewing in any lighting condition—reducing energy consumption and protecting the LCD from heat stress.

Normal brightness

High Brightness 3000Nits

Unmatched Brightness in Direct Sunlight

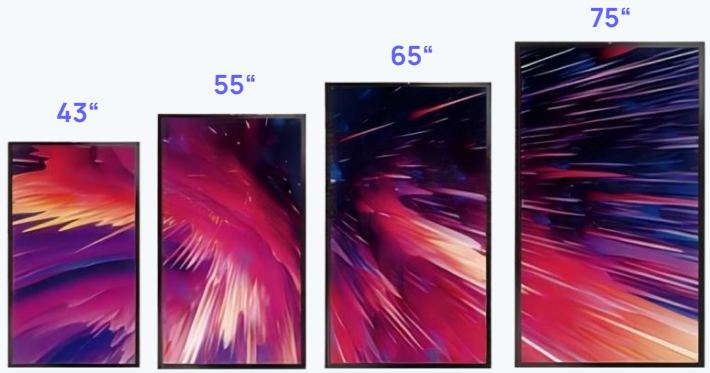
With a peak brightness of 3000 nits, our outdoor LCD displays maintain exceptional image clarity even at midday, ensuring your messaging is always visible and vibrant.

Ultra-Wide 178° IPS Viewing

IPS technology delivers consistent colour accuracy and image quality from every angle—crucial for high-traffic outdoor environments where viewers approach from multiple directions.

IK10 tempered protective glass

A 5mm IK10-rated tempered glass panel protects against vandalism, impact, and harsh environmental exposure—without compromising clarity.



Multiple size options

1 AC100-240V IN

2 WIFI-1

3 WIFI-2

4 USB-1

5 USB-2

6 RJ45-1

7 RJ45-2

8 HDMI-1

9 HDMI-2

10 Manual Brightness Adjustor

11 DC OUT

12 Reset Switch

Fully Protected, Fully Connected

Our waterproof I/O panel supports a wide range of connectivity options, allowing seamless integration with external media players, sensors, and accessories.

Wall Mount LCD Digital Display

Product Specs

Model Number	QHV43DOOH	QHV55DOOH	QHV65DOOH	QHV75DOOH
Display Size(inch)	43"	55"	65"	75"
Resolution	1920x1080	1920x1080/4K	3840x2160	3840x2160
Packing info	Cardbox:113*27*72cm /pcs/48kg/box Pallet:113*135*87cm /5pcs/260kg/plt	Cardbox:140*27*86cm /pcs/68kg/box Pallet:140*135*101cm /5pcs/360kg/plt	Cardbox:162*27*99cm /pcs/90kg/box Pallet:162*135*114cm /5pcs/480kg/plt	Cardbox:185*27*111cm /pcs/125kg/box Pallet:185*135*126cm /5pcs/665kg/plt

LCD Display

Display mode
Normally full black

Contrast ratio
1400:1

Viewing angle
89/89/89/89 (L/R/U/D)

Brightness
3000cd/㎡

Aspect Ratio
9:16

Color

Default in black, Color Customization available with MOQ: 20pcs

Monitor Interfaces

HDMI input
1 pcs

USB
2 pcs(including USB for touch, if select touch version)

Power
AC 100 ~ 240V

Eletronic Box

Power Socket
2 Plugs for external media player

Power
AC 100 ~ 240V

Timer Switch
Optional

Others

Speaker
2*6W

Touch (optional)
Capacitive GF Touch, waterproof.

4G Router (optional)
Sim Card Slot

Language
Multi-language

Working temp
-20~60 Celsius degree

Installation

Wall Mount installation, support both landscape & portrait installation

Window Player

CPU
i5-8th Gen/or can custom higher

RAM
8GB

Internal memory
128GB SSD

Operation system
WINDOWS 10/11/IOT/UBUNTU ETC

Interface
HDMI output * 1, Ethernet Port * 1, USB Port * 4, DC * 1, WiFi Antenna*1

WiFi
Support 5G, 2.4G wifi 802.11b/g/n

3G/4G Moduel
Optional

Ethernet
100M

Bluetooth
Bluetooth 4.0 optional

Multimedia
Video MPEG-1, MPEG-2, MPEG 4, H.265, H.264, VC-1, VP8, etc.

Photo jpeg, jpg, png etc

Android Player

CPU
RK3399

RAM
4GB

Internal memory
32GB EMMC

Operation system
Android 11

Interface
HDMI * 2, Ethernet Port * 1, USB Port * 4, DC * 1, WiFi Antenna*1

WiFi
Support 5G, 2.4G wifi 802.11b/g/n

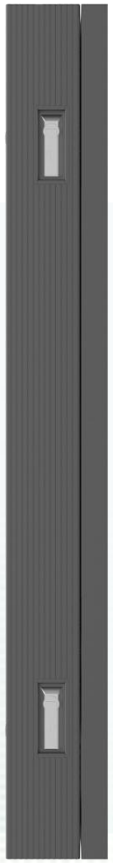
Ethernet
100M

Bluetooth
Bluetooth 4.0

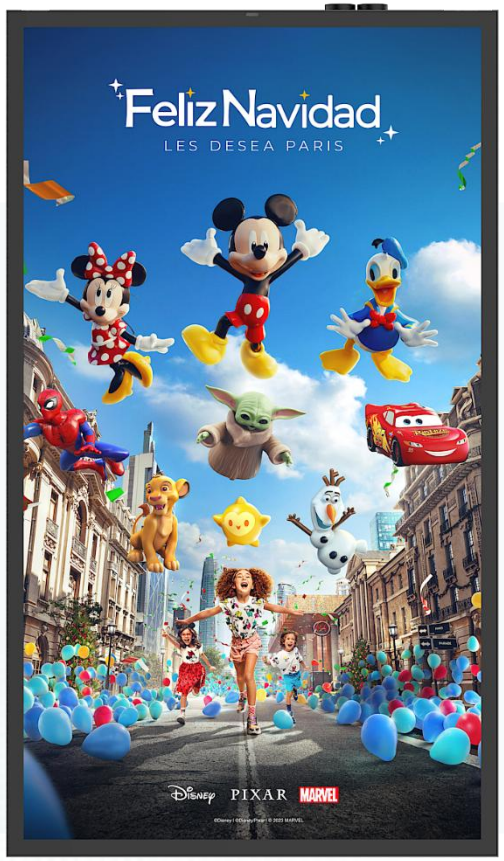
Multimedia
Video MPEG-1, MPEG-2, MPEG 4, H.265, H.264, VC-1, VP8, etc.

Photo jpeg, jpg, png etc

Product Photos



Side



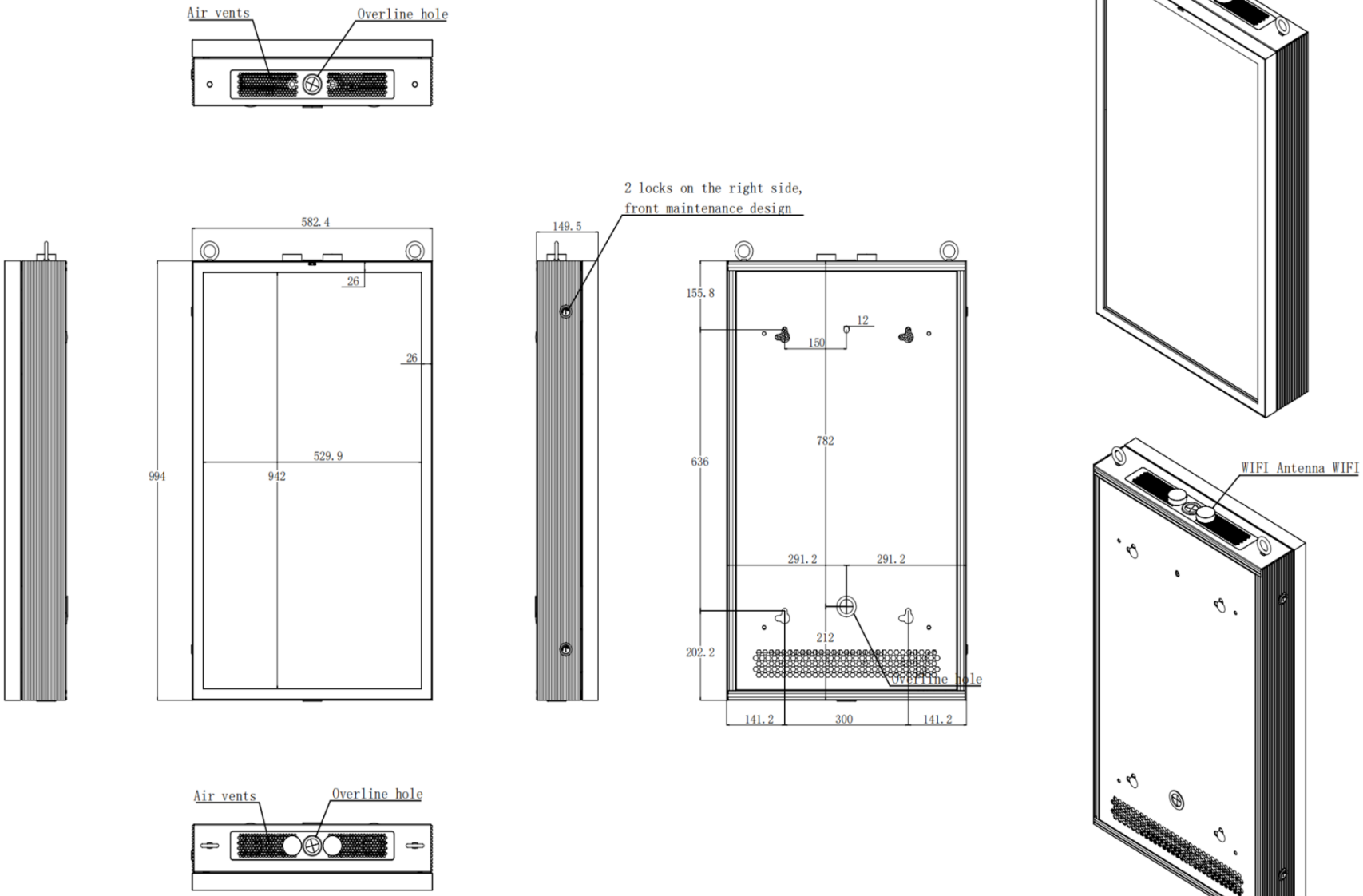
Front

Back

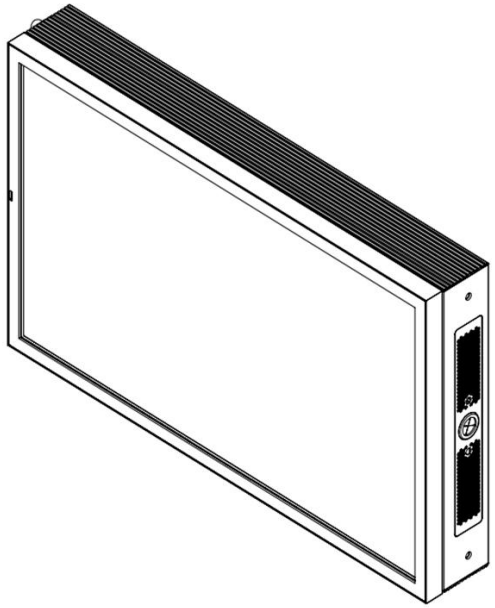
Premium Build. Refined Design.

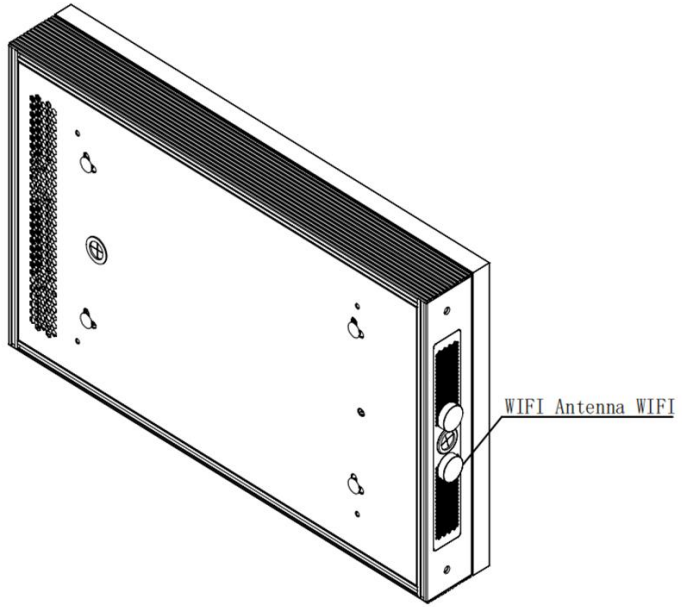
A slimline, industrial-grade chassis with reinforced protection and clean aesthetics—engineered to complement any outdoor environment.

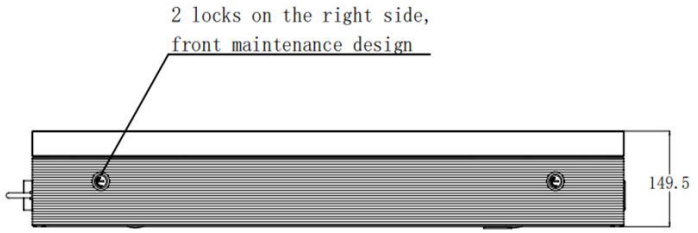
Drawing 43“ - Portrait

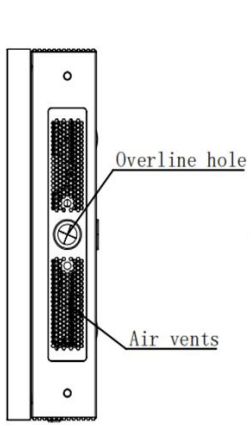


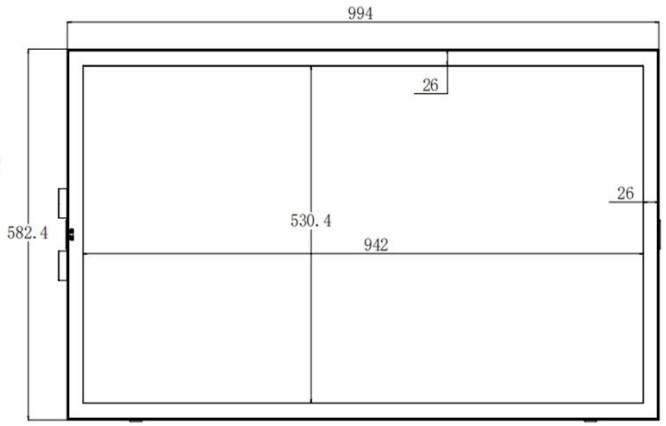
Drawing 43“ - Landscape

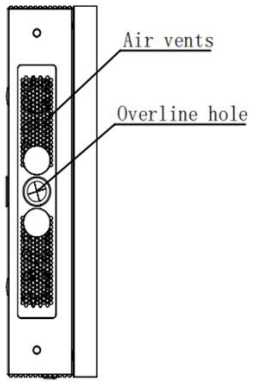


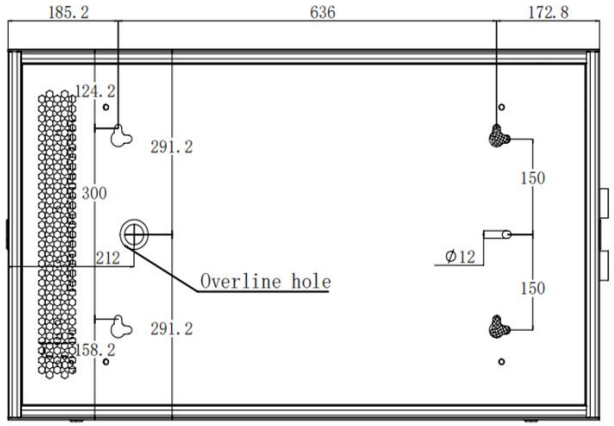




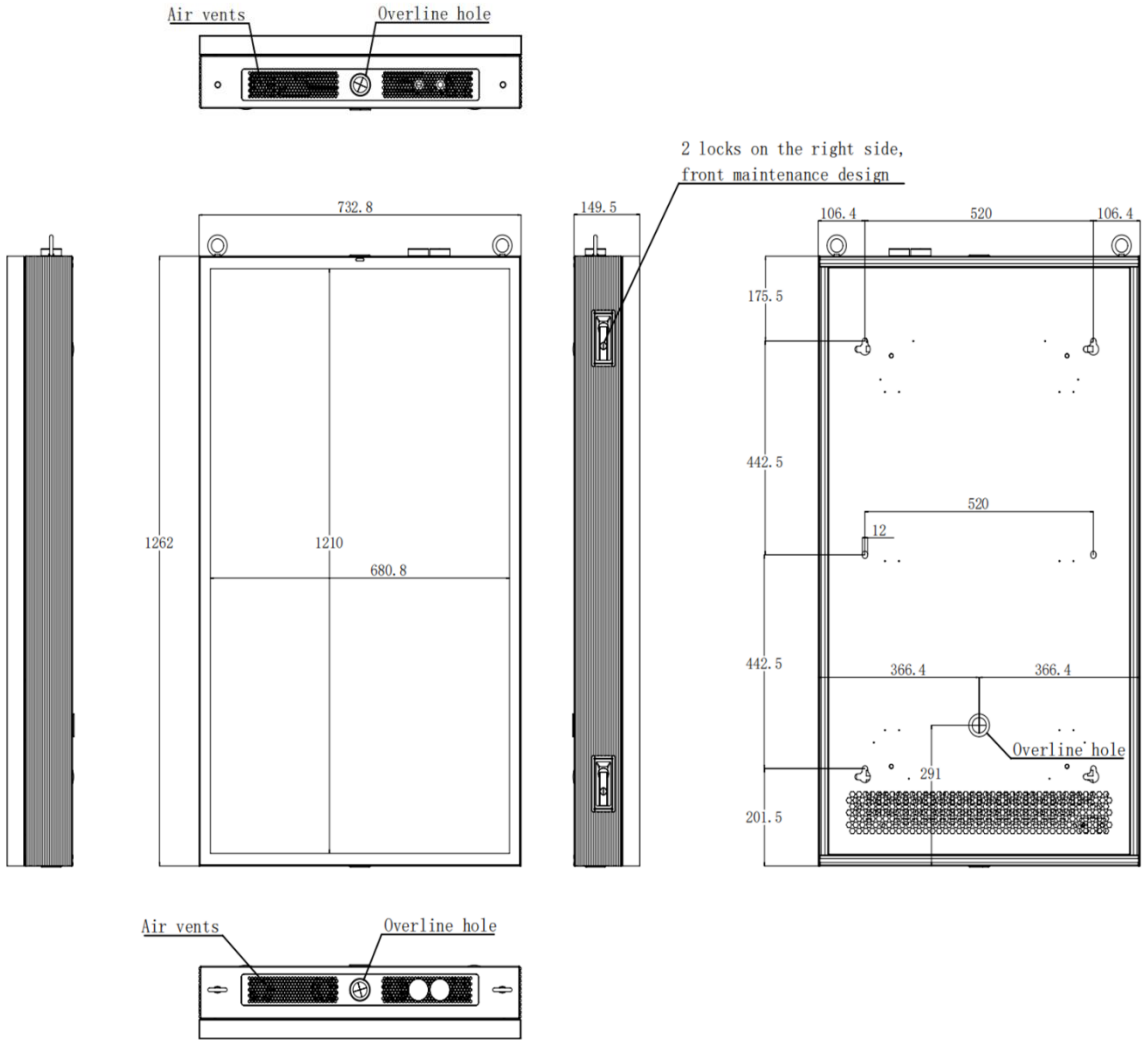


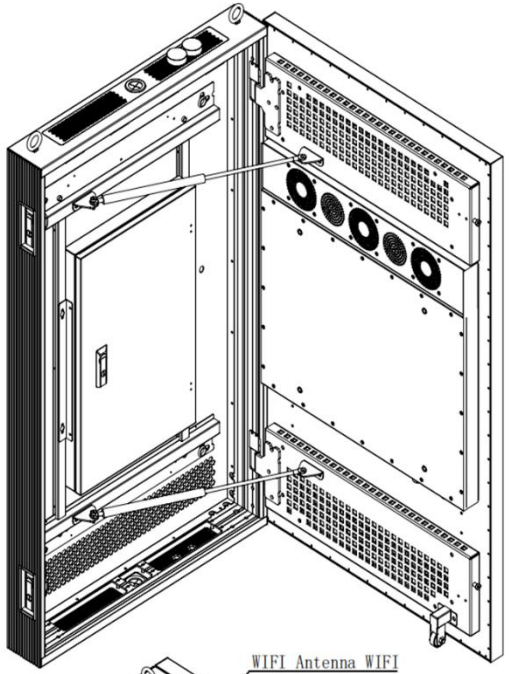


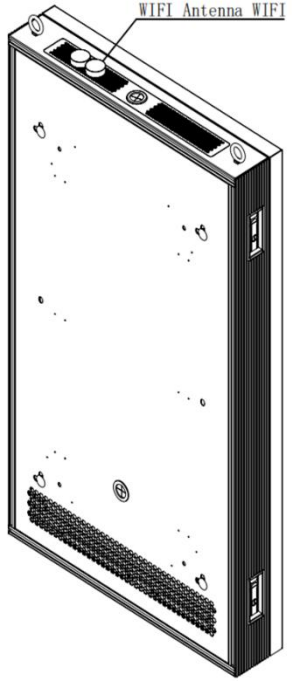




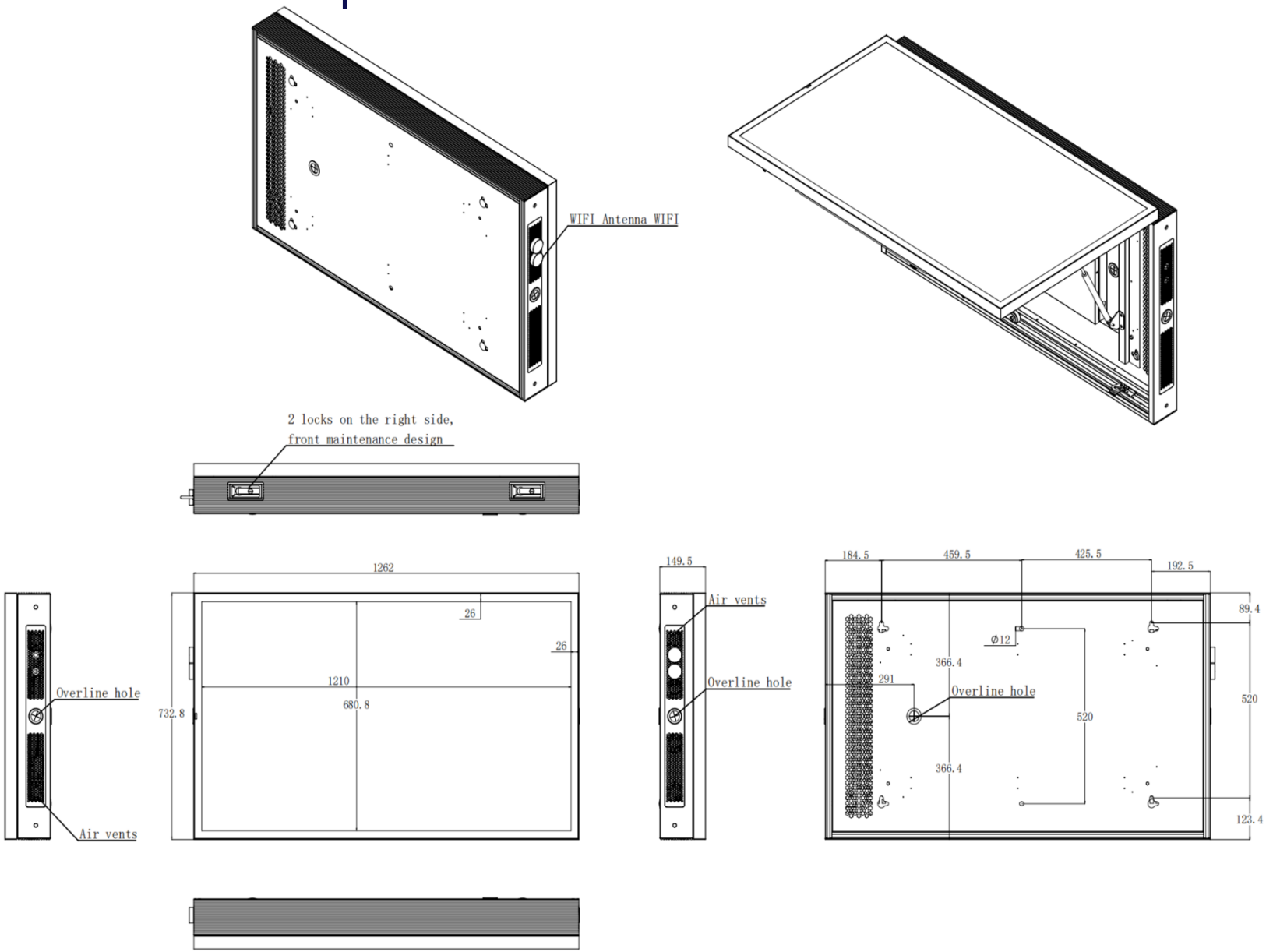
Drawing 55“ - Portrait



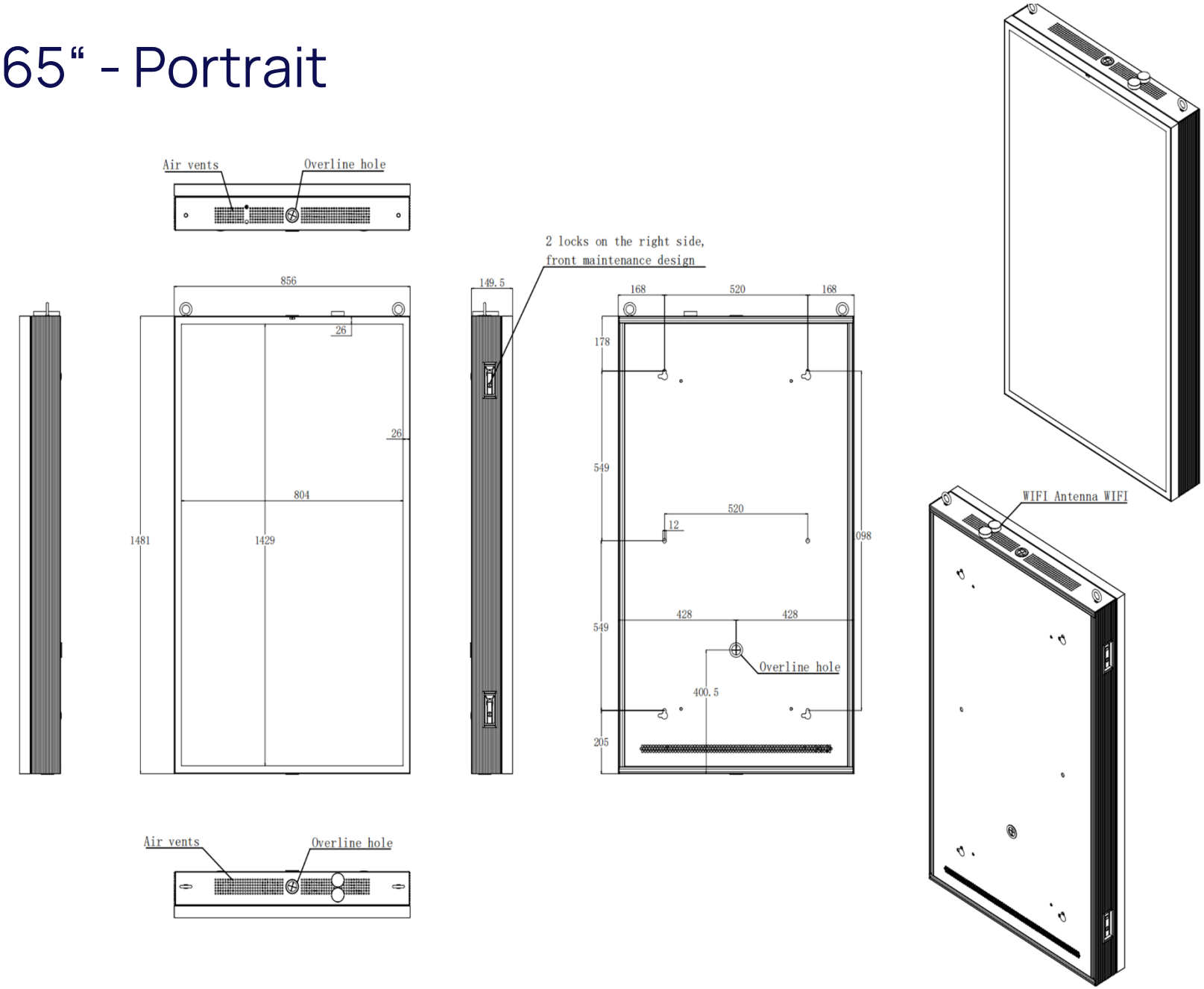




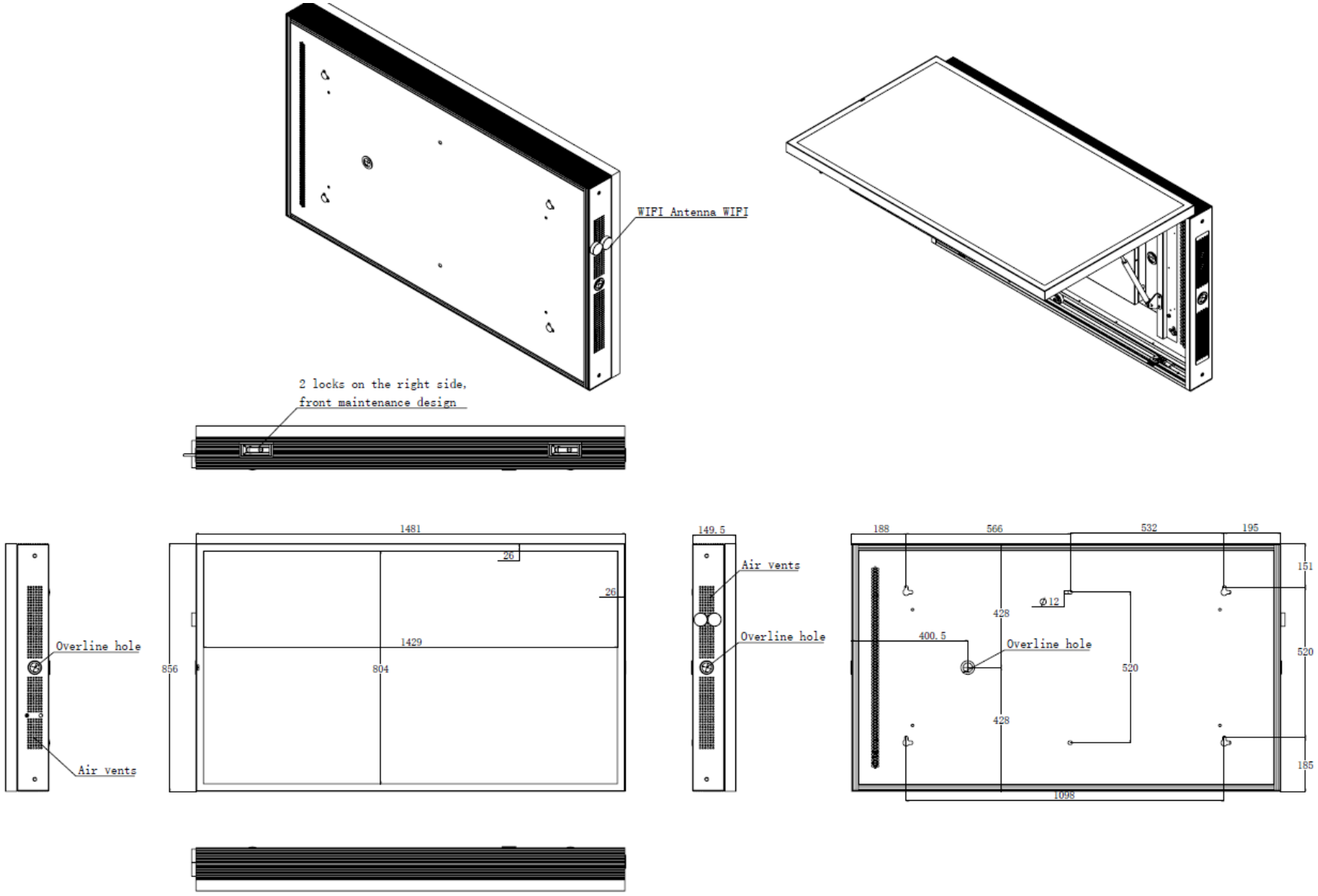
Drawing 55“ - Landscape



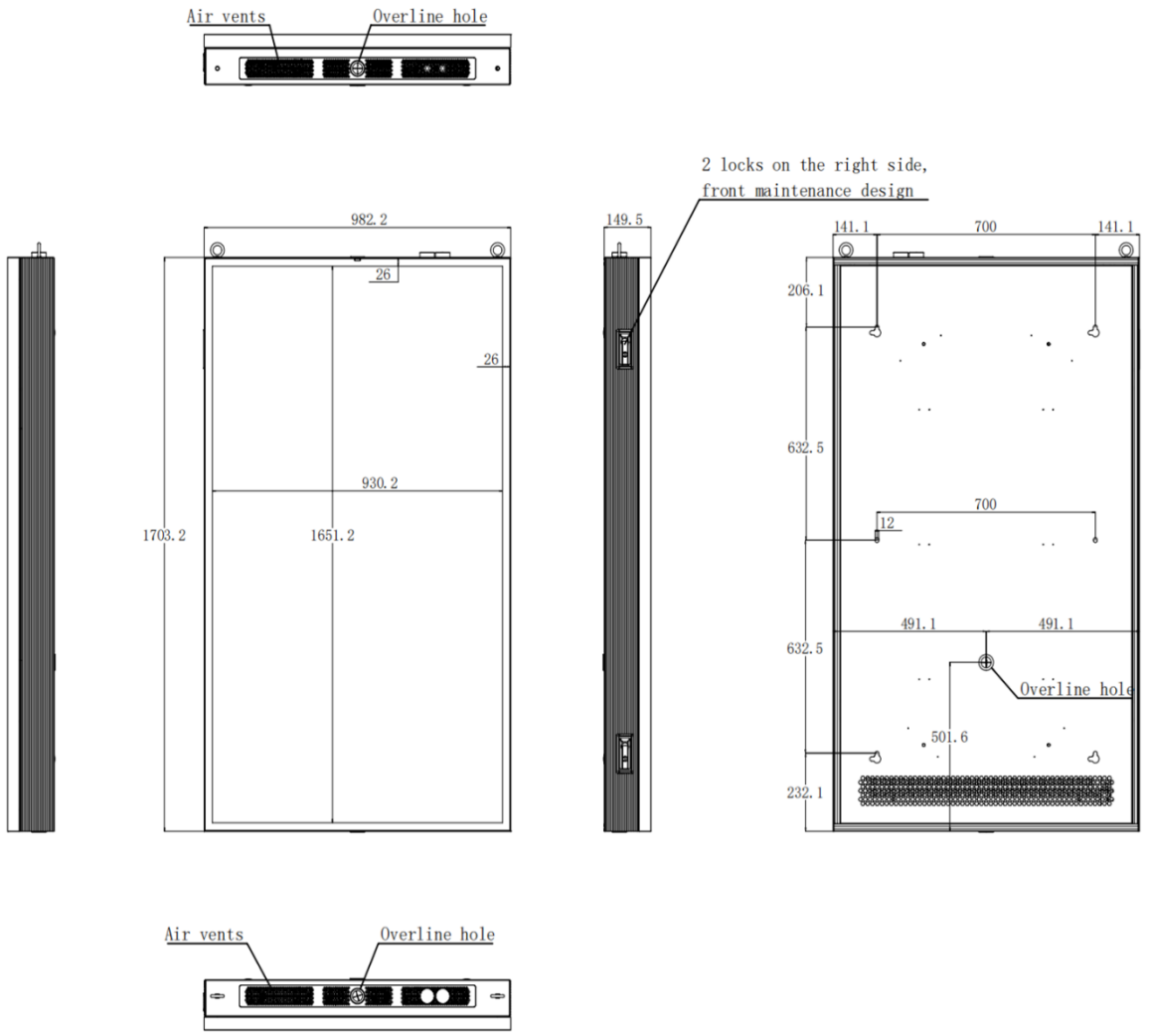
Drawing 65“ - Portrait

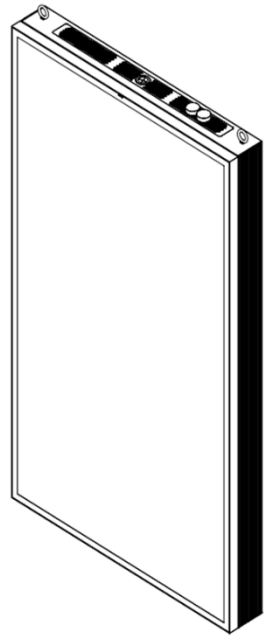


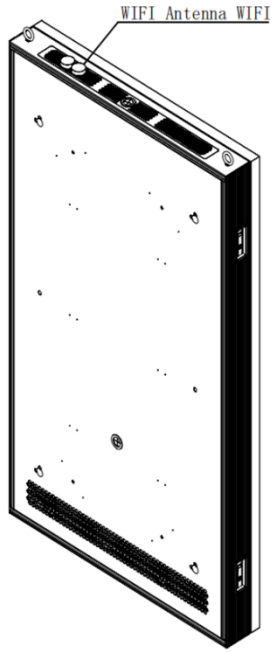
Drawing 65“ - Landscape



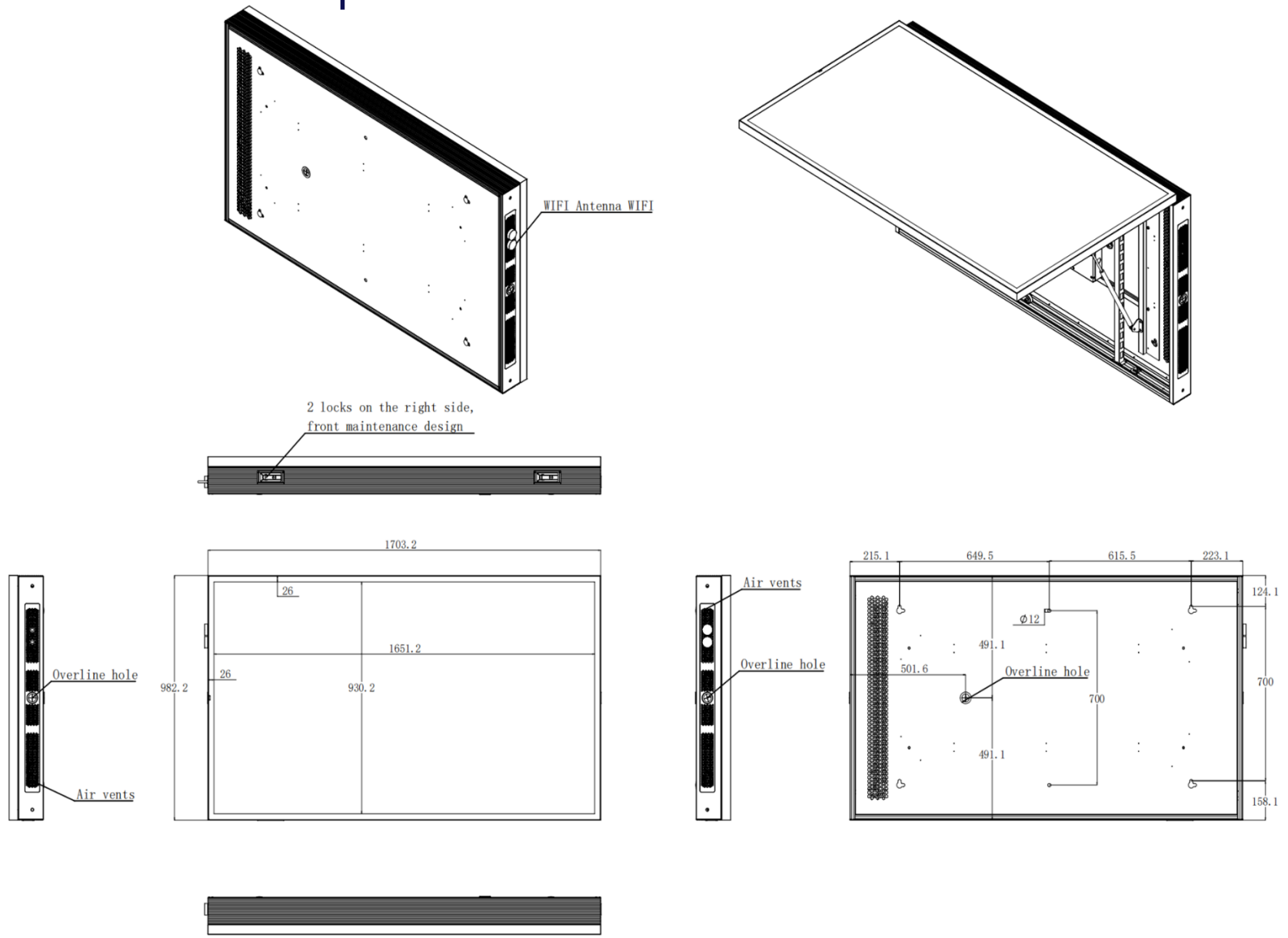
Drawing 75“ - Portrait







Drawing 75“ - Landscape



Wall Mount LCD Digital Display 86“

Outdoor

Wall Mount LCD 86“

Engineered for Outdoor Brilliance

Our IP66-rated outdoor LCD displays are purpose-built for the harshest environments—delivering high reliability, exceptional visibility, and industry-leading durability.

IP66 Weatherproof Construction

Fully sealed protection against water, dust, and environmental contaminants.

Enclosure Material

6mm thickness tempered glass as standard.

Ultra-High Brightness – 2500 nits

Stunning clarity even in direct sunlight, ensuring your content is always seen.

Temperature & humidity control

The cooling fans and temperature controller work together to maintain the unit at the correct operating temperature.

Overheat Protection

Intelligent thermal management prevents LCD blackening and extends panel lifespan.

Auto Brightness Adjustment

Adaptive ambient-light sensing delivers optimal viewing while saving energy.

Available in size:	86“

Wall Mount LCD 86“
Product Specs

Display

Panel Size
86"

Resolution
3840×2160

Viewing angle
89/89/89/89(L/R/U/D)

Contrast ratio
1200:1

Brightness
2500nits as standard

Aspect Ratio
16:9

Active Area
1065(H) × 1895(V) mm

Operational Life Cycle-MTBF(hours)
50K hours

Grey to Grey Response Time(ms)
6ms

Operating Android

CPU
RK3399

RAM
4GB

Internal memory
32GB EMMC

Operation system
Android 11

Interface
HDMI * 2, Ethernet Port * 1, USB Port * 4, DC * 1, WiFi Antenna*1

WiFi
Support 5G, 2.4G wifi 802.11b/g/n

Ethernet
100M

Bluetooth
Bluetooth 4.0

Windows System

CPU
Intel i3, i5, i7(dual core/quad core, 3th to 11th Generation is optional)

RAM
4GB/8GB/16GB

Internal memory
128GB SSD/256GB SSD

Operation system
Windows 10

Network
WiFi & Ethernet Port, 3G/4G is optional

I/O
HDMI output*1pcs, USB*4pcs, ethernet port*1pcs, Sim Card Slot*1 etc.

Power

Input Voltage
AC110~240 ± 10%, 50 / 60 HZ

Leakage Protection
30mA/0.1S

Timer Switch
1 pcs

Built-in Power Socket
1 pcs (EU/US/UK/AU/Swiss Standard optional, more sockets are optional)

Max Power Consumption (w)
980W

Environment

Operating Environment
Fully Outdoor for All Weathers

Operating Temp.
-10C~+60C

Operating Humidity
5%~98%

Operating Altitude (m)
≤ 2000

Enclosure Material

Enclosure Material
Fully Aluminum Housing (Anti-corrosion & rust-proof with 15 years life time)

Glass Characteristics
Transmissivity › 93%, Reflectivity ‹ 2%

Optical Bonding (Optional)
Tempered Glass & LCD Display & Touch optical bonding technology is optional

Protection Grade
IP65&IK10

Thickness
274mm

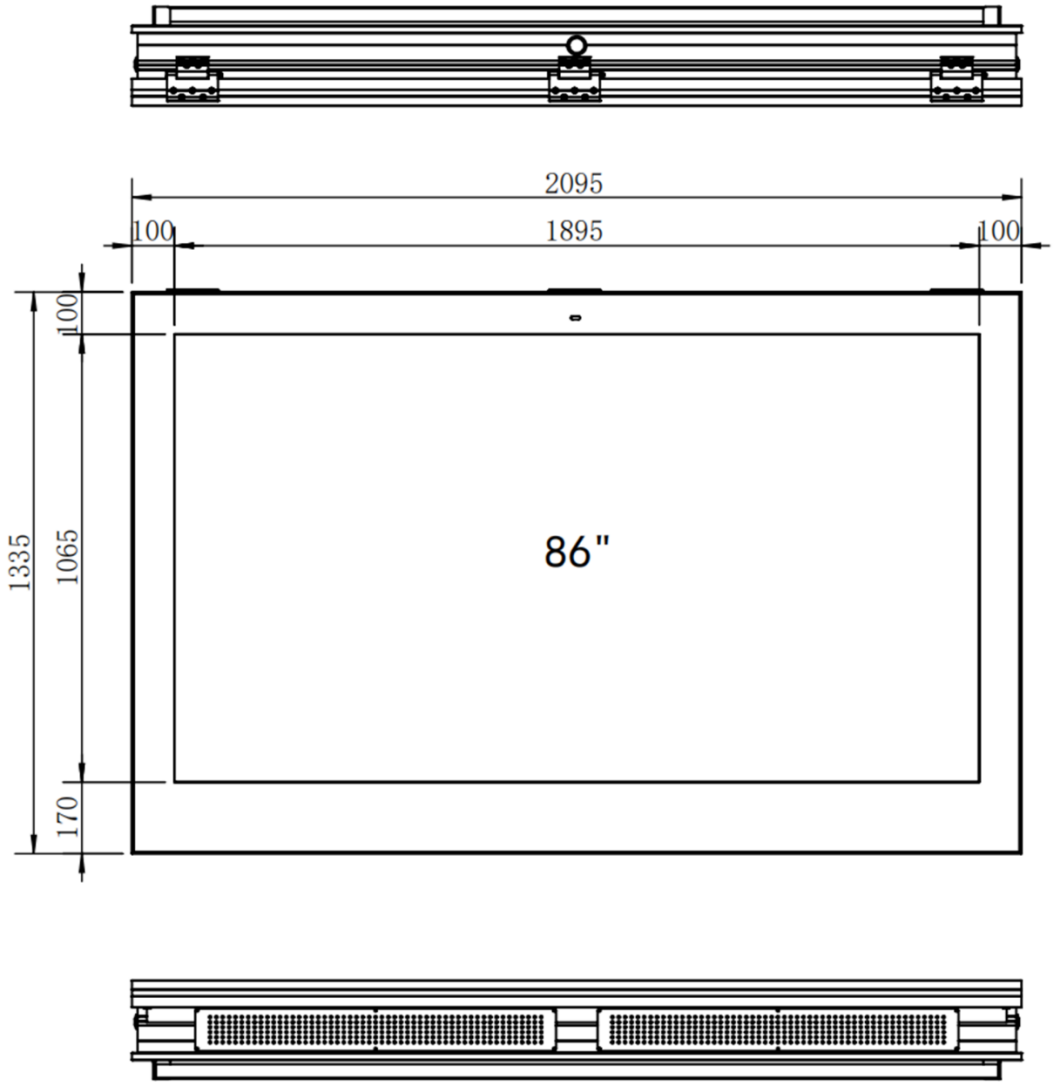
Glass Type
6mm tempered glass as standard

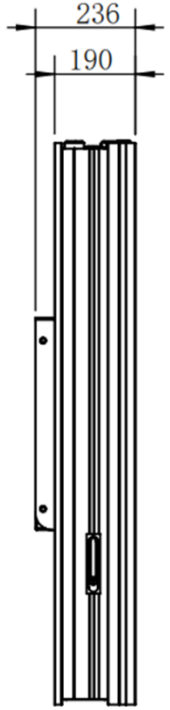
6mm Tempered glass as standard with Double side AR surface treatment with high transparency, reducing reflection/ UV/ IR (optional)

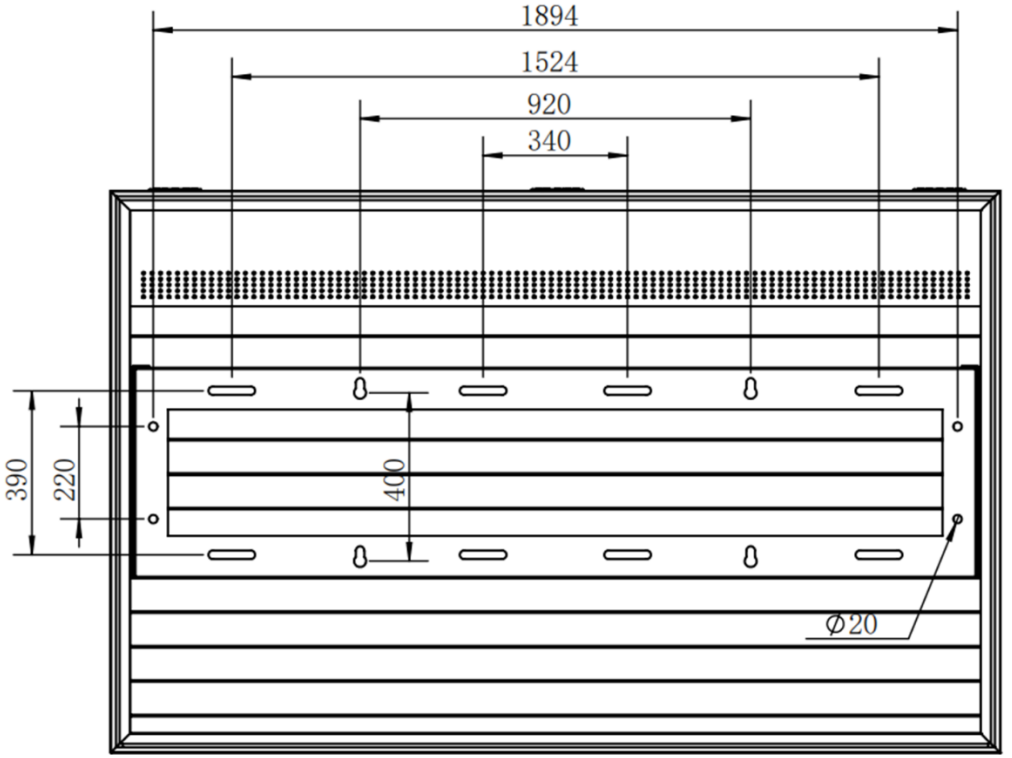
6mm tempered glass with AG coating, anti-glare surface treatment reduce reflection (optional)

Double Laminated AR Glass 3mm+3mm is optional (optional)

Drawing 86“ - Landscape







We look forward working with you soon.

onQ DIGITAL

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sales@onq.digital

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