STARK TOUCH DEVICE

86 inch wall mounted outdoor digital signage(touch/non-touch)

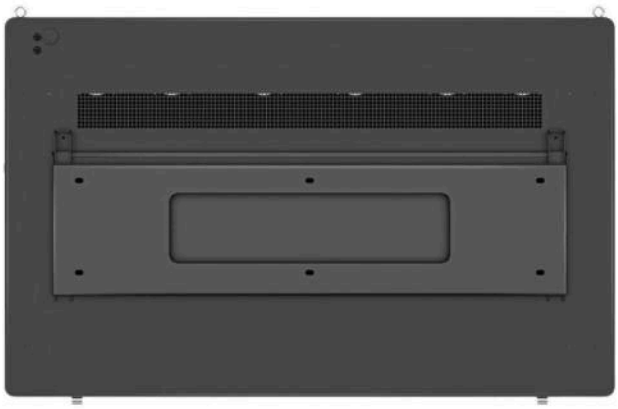
Features：

- 24-hour continuous operation
- IP65 waterproof and dustproof
- High temperature resistant design
- Anti-thunder, anti-creeping & anti-theft
- Ultra-wide 178° viewing angle
- Low power consumption, energy saving
- Auto light sensing brightness adjustment
- 16:9 TFT-LED FHD display panel
- 6mm full tempered explosion-proof glass
- Intelligent temperature controlled air cooling system
- RK3288 quad-core CPU, Android 7.1 system
- 2GB RAM + 32GB storage, SD card expandable
- LAN / WiFi / 4G network optional
- Standard non-touch version, touch function optional









We offer outdoor digital signage in full sizes ranging from 21.5 inch to 98 inch, all sharing identical core performance and structural features.

Standard model is non-touch display version, with capacitive waterproof 10-point touch available as an optional upgrade.

Featured with IP65 waterproof and dustproof, high brightness sunlight readable screen, 6mm tempered explosion-proof glass, intelligent temperature control heat dissipation and auto brightness adjustment.

Built with lightning-proof, anti-leakage and anti-theft design, it supports 24-hour stable operation, adapts to harsh outdoor environments, ideal for commercial advertising and public information release.



Display parameters	
Screen diagonal (Inch/mm)	86 inch/2184.40
Display active screen size (mm)	1903.87×1070.93
Aspect ratio	16:9
Physical resolution	4K 3840 (RGB)×2160 (FHD)
Refresh rate	60Hz
Brightness (cd/m²)	2500
Contrast	1500:1
Response time (ms)	6
Visual Angle horizontal/vertical (°)	178° /178°
Display protection	6mm full tempered high explosion-proof glass
Backlight / Backlight Lifetime (hours)	LED / 50000
Brilliance control	Light sensing senso(Energy saving)

Motherboard configuration/interface	
CPU	RK-3288 Cortex-A17, 4-core, 1.8GHz
Operating system	Android 7.1
Running memory	2GB
Storage	32G
Storage Expansion	Supports up to 32GB SD card expansion
Network	LAN/WiFi/4G module (optional)
Bluetooth	optional
Interface	USB2.0×2 HDMI Out×1
	HDMI In (optional) MicroPhone ×1
	Audio output×1 SD card×1
	Horn: 8 Ω 10W * 2

Packaging specifications	
Product weight	224 KG
Packaging specifications	Mainly based on physical products (standard packaging is made of pearl cotton)
Wooden case packing	mainly based on physical objects

Power supply	
Input voltage	AC110-220V
Working power consumption	≤ 690 W
Standby power consumption	＜3W

Structural parameter description	
Installation method	wall mounted
External dimensions	See the external dimension diagram
Color	Black/White/Red/Silver Grey/Dark Grey/Customized
Material	1.5mm galvanized steel sheet.Baking lacquer process
Protection level	IP65
Waterproof	Three-layer composite sealing strip
Dust prevention	3M high air volume filter
Anti theft	three-level door lock protection, hidden screw design
Explosion proof	6mm full tempered high explosion-proof glass
Anti rust and anti-corrosion	High-strength galvanized steel sheet

Heat dissipation method description	
Heat dissipation method	intelligent temperature controlled air cooling system
Temperature protection	supports high temperature protection
Fan	Industrial grade high air volume silent fan,supporting speed regulation and noise reduction (energy-saving)

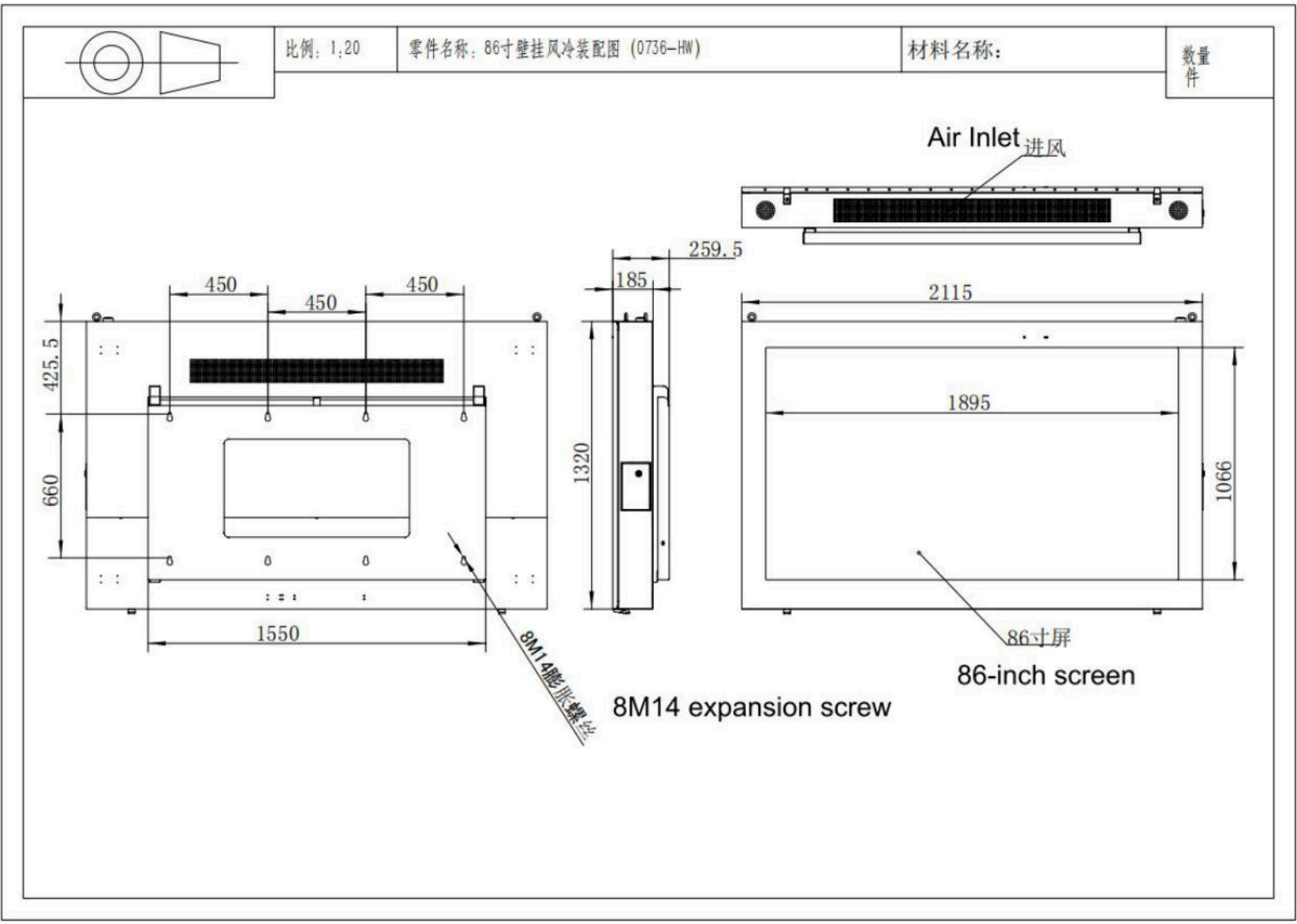
Touch (optional)	
Touch type	G+G capacitive waterproof touch
	G+F nano waterproof touch
Point count	10 points
Touch accuracy	99% accuracy
Operating system	Windows/Android/MacOS/Linux/ HarmonyOS
Working temperature	-30 ℃ -60 ℃

Work environment	
Working temperature	-10℃ -50℃ (if the ambient temperature is below -10℃, it is recommended to choose a heater)
Working humidity	5% -90%
Storage temperature	-20 ℃ -60 ℃
Storage humidity	10% -85%

Core technology

NO.	Name	picture	Description
1	Time controlled switch		With a microcontroller chip as its core, the power switch controller supports presetting 20 on/off time schedules daily or weekly. Built-in rechargeable Ni-MH battery serves as backup power, maintaining timing display and data storage for over 9 months after power disconnection.
2	Lightning protection device		Designed to protect low-voltage power grids and electrical equipment from lightning and surge overvoltage damage, it serves as an ideal overvoltage protection device.
3	Anti leakage device		Anti leakage, safer to use
4	Cooling system	——	Built-in temperature sensor accurately detects internal temperature changes. The temperature control system intelligently adjusts fan speed accordingly for energy saving.
5	Brightness control	Auto ISO	Built-in photosensitive probe automatically adjusts LCD brightness based on ambient light intensity, supporting auto and manual modes.

Drawing


比例：1:20
零件名称：86寸壁挂风冷装配图（0736-HW）
材料名称：
数量
件
Air Inlet 进风
259.5
185
2115
450
450
450
425.5
660
1320
1895
1066
1550
8M14膨胀螺栓
8M14 expansion screw
86寸屏
86-inch screen