H1 Series
Horizontal Advertising Player Machine

FMT — FMT Corporation Co., Ltd.

FMT S1 Series Monitor size from 15.6 - 65 inch

Capacitive/Infrared Touch screen Available

Industrial Grade Monitor Stand

FMT S1 Series

All-in-one professional display device that integrates query, interaction and information release.

The appearance, internal structure and functional design are all built for commercial use. It has a variety of appearance structures and can be customized.

It is widely used in public information inquiries in various industries.

1 YEAR WARRANTY

100% GUARANTEED — CUSTOMER SATISFACTION

Highlight

- Using high-quality capacitive touch panel, ultra-high light transmittance, strong anti-riot ability, scratch-resistant and wear-resistant, dust-proof and water-proof.
- High touch sensitivity, fast speed, no drift phenomenon.
- Professional chip and processing technology to ensure high picture quality.
- Industrial-grade high-performance LCD screen to ensure high-definition, high-brightness and stability of images.
- The shell is designed with high-strength steel, the appearance is ultra-thin, beautiful and strong, with excellent protection level and electromagnetic shielding performance.
- The surface has fine grained paint, smooth and uniform, simple and generous, the color is integrated with the industrial host, and has a good anti-rust and wear-resistant function.
- Multiple signal interfaces, support multiple signal input/output.
- High reliability, high stability, suitable for education and training, exhibitions, public media, video conferences, military command, traffic management
- Using industrial industrial control motherboards, Intel high-end dual-core processors, high-speed hard drives.

Moisture Proof | Water Proof | Dust Proof | Wear Resistant

Configuration

Standard Configuration
- Android 7.1 RK3288
- Cortex-A17 quad-core CPU Mali-T764 1.8 Ghz
- 2GB RAM / 16GB ROM EMMC Storage

Configuration option-1
- Andiord 9.0 RK3399
- Quad-core 64-bit high-performance CPU 2.0Ghz
- 2GB RAM / 16GB ROM EMMC Storage

CPU Option
- Dual-core Cortex-A72,
- Quad-core Cortex A-53 64-bit
- Quad-core arm Mali-T860MP4 High-performance CPU

Other Option
- Capacitive / Infrared 10-points touch screen
- Ram 4 GB, Rom 32/64 GB
- Built-in low power consumption MCU Cortex-M0
- Wireless WiFi (Mini-PCIe 4G optional)

Color Available

Black | White | Silver

Color can be customize specification and function, etc. Welcome to consult.

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Introduction to network version features

- Perfect support for 1080P full HD decoding, compatible to drive 15-100 inch LCD screen.
- Support mainstream media formats, support split-screen playback functions such as pictures, videos, rolling subtitles, and office software.
- Support display of station logo, date, time, week, weather forecast, etc.
- Diverse and flexible interface layout, split screen and full screen freely.
- Any switch between horizontal and vertical screens, smooth transition without black screen.
- Support picture + background music playback mode, which can replace traditional light boxes and posters.
- Support multiple playback modes such as loop, timing, interstitial, pad, etc., to achieve flexible control of playback time, sequence, frequency, content, location, etc.
- Multi-screen interaction, realizing multiple display terminals to play the same content at the same time.
- Support resumable downloading and downloading regularly, and reasonably occupy network bandwidth.
- Super multi-period timing switch function, unattended.
- Support U disk import or direct playback.
- Automatic repair, remote upgrade, intelligent domain name resolution, convenient and quick operation and maintenance
- Support LAN/WiFi/3G/4G network access, which can realize multi-network hybrid networking.
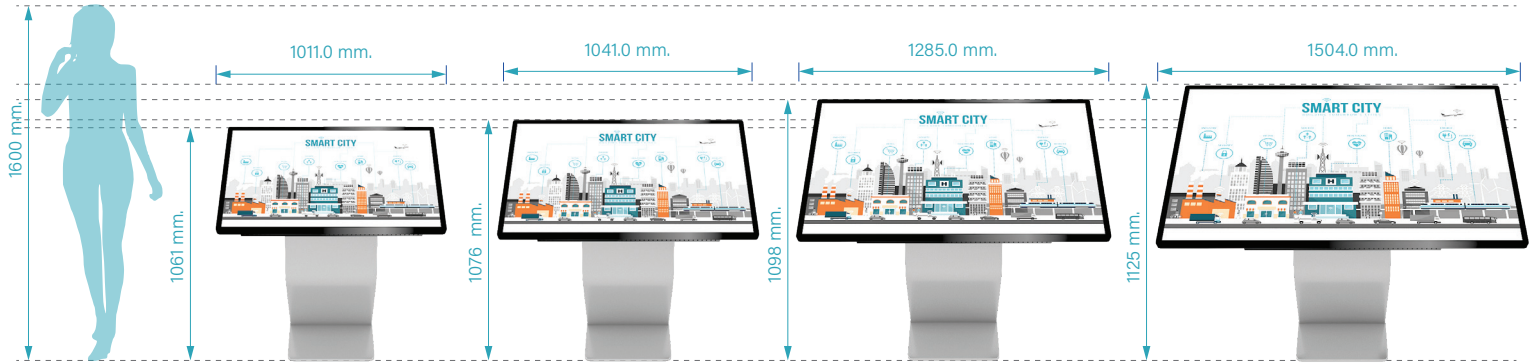
Application

- Sales hall, real estate agency (house type and landscape effect display)
- Car for sale shop (car model display)
- Furniture and art store (product display)
- Cinema (movie trailer and clip appreciation)
- Office building and apartment lobby (advertising)
- Banks and other financial institutions , business inquiries , service promotion
- Telecommunications
- Government agencies (public information release, government affairs disclosure)
- Shopping center (shopping guide, merchant and product inquiry, advertising promotion)
- Fashion flagship store, specialty store (new product introduction)
- Company reception room or meeting room (company introduction, exhibit display)
- Exhibition hall and venue design company (event venue layout)

	FM-H1-156	FM-H1-185	FM-H1-236	FM-H1-270	FM-H1-320
Model :	15.6 inch	18.5 inch	23.6 inch	27.0 inch	32.0 inch
Machine size :	388 x 245 x 55 mm.	467 x 276 x 55 mm.	584 x 339 x 55 mm.	655 x 374 x 60 mm.	758 x 452 x 40 mm.
Visual size:	344 x 194 mm.	407 x 255 mm.	522 x 294 mm.	600 x 338 mm.	1047 x 592 mm.
Monitor size :	560 x 130 x 385 mm.	560 x 130 x 385 mm.	680 x 130 x 395 mm.	750 x 130 x 490 mm.	850 x 130 x 550 mm.
Stand size :	450 x 380 x 1010 mm.	450 x 380 x 1010 mm.	450 x 380 x 1010 mm.	450 x 380 x 1010 mm.	520 x 490 x 1050 mm.
Weight :	35 Kg.	36 Kg.	38 Kg.	39 Kg.	50 Kg.
LED Parameter					
LED Brand :	15.6 inch (AUO/BOE)	15.6 inch (AUO/BOE)	15.6 inch (AUO/BOE)	15.6 inch (AUO/BOE)	15.6 inch (BOE/LG)
Display ratio :	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
Resolution :	1366 x 768	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080
Pixel pitch :	0.51075 x 0.17025 mm	0.51075 x 0.17025 mm	0.1815 x 0.5415 mm	0.1815 x 0.5415 mm	0.1815 x 0.5415 mm
Horizontal frequency :	30-80 KHz.	30-80 KHz.	30-80 KHz.	30-80 KHz.	30-80 KHz.
Vertical frequency :	60 / 75 Hz.	60 / 75 Hz.	60 / 75 Hz.	60 / 75 Hz.	60 / 75 Hz.
Color support :	16.77 million	16.77 million	16.77 million	16.77 million	16.77 million
LED Life :	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.
Average brightness :	350 cd/m^2	350 cd/m^2	350 cd/m^2	350 cd/m^2	350 cd/m^2
Contrast :	1200 : 1	1200 : 1	1200 : 1	1200 : 1	1200 : 1
Viewing angle :	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°
Input voltage :	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)
Power management :	Compliant with VESA DPMS	Compliant with VESA DPMS	Compliant with VESA DPMS	Compliant with VESA DPMS	Compliant with VESA DPMS
Power consumption :	≤ 80W	≤ 80W	≤ 100W	≤ 100W	≤ 100W
Working temperature :	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C
Storage temperature :	-10 - 50 °C	-10 - 50 °C	-10 - 50 °C	-10 - 50 °C	-10 - 50 °C

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1011.0 mm. — 1041.0 mm. — 1285.0 mm. — 1504.0 mm.

1600 mm. · 1061 mm. · 1076 mm. · 1098 mm. · 1125 mm.

	FM-H1-430	FM-H1-490	FM-H1-550	FM-H1-650
Model :	43.0 inch	49.0 inch	55.0 inch	65.0 inch
Machine size :	1061 x 600 x 85 mm.	1041 x 672 x 85 mm.	1285 x 756 x 85 mm.	1504 x 883 x 87 mm.
Visual size:	941 x 530 mm.	1215 x 686 mm.	1209 x 680 mm.	1428 x 805 mm.
Monitor size :	1130 x 180 x 720 mm.	1260 x 180 x 790 mm.	1410 x 180 x 880 mm.	1620 x 180 x 1000 mm.
Stand size :	540 x 510 x 1060 mm.	540 x 510 x 1060 mm.	540 x 510 x 1060 mm.	540 x 510 x 1060 mm.
Weight :	60 Kg.	65 Kg.	70 Kg.	85 Kg.

LED Parameter

	FM-H1-430	FM-H1-490	FM-H1-550	FM-H1-650
LED Brand :	43.0 inch (BOE/LG)	49.0 inch (BOE/LG)	55.0 inch (BOE/LG)	65.0 inch (BOE/LG)
Display ratio :	16 : 9	16 : 9	16 : 9	16 : 9
Resolution :	1920 x 1080 / 3840 x 2160	1920 x 1080 / 3840 x 2160	1920 x 1080 / 3840 x 2160	1920 x 1080 / 3840 x 2160
Pixel pitch :	0.1815 x 0.5415 mm	0.1815 x 0.5415 mm	0.1815 x 0.5415 mm	0.1815 x 0.5415 mm
Horizontal frequency :	30-80 KHz.	30-80 KHz.	30-80 KHz.	30-80 KHz.
Vertical frequency :	60 / 75 Hz.	60 / 75 Hz.	60 / 75 Hz.	60 / 75 Hz.
Color support :	16.77 million	16.77 million	16.77 million	16.77 million
LED Life :	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.
Average brightness :	350 cd/m^2	350 cd/m^2	500 cd/m^2	500 cd/m^2
Contrast :	1200 : 1	1200 : 1	1200 : 1	1200 : 1
Viewing angle :	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°	Up/Down/Left/Right 178°
Input voltage :	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)	110-220 VAC (50-60 Hz)
Power management :	Compliant with VESA DPMS	Compliant with VESA DPMS	Compliant with VESA DPMS	Compliant with VESA DPMS
Power consumption :	≤ 110W	≤ 110W	≤ 110W	≤ 110W
Working temperature :	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C
Storage temperature :	-10 - 50 °C	-10 - 50 °C	-10 - 50 °C	-10 - 50 °C

TV Parameters (optional)

TV system :	NTSC M/N , PAL BG/DK/I/H , SECAM L/L
Resolution :	Analog and digital support upto 1080P format
Input interface :	TV , VGA , HDMI , YPBPR , USB , AV , S-VIDEO
Output interface :	AV
Voice control :	Automatic sound standard detection, support balance adjustment, surround
Sound power :	2 x 10 W

Input/output ports (optional)

USB Interface :	2 x USB 2.0
TF Card :	Standard 1 channel, multiple channels can be customize
HDMI Interface :	1
DC :	1
MIC audio input :	1
LINE audio output interface :	1
LAN network interface :	1 x RJ45

Power

Voltage :	DC 12V / AC 100-240V 50-60 Hz (External)
Standby power (Energy Star) :	1W

Configuration option

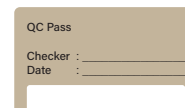|	
Standard configuration :	J1900 industrial control motherboard , CPU Celeron quad-core 1.8 GHz , Memory and harddisk optional
Hi-end configuration :	H81 / B75 industrial control motherboard , CPU G2030/I3/I5/I7 , Memory and harddisk optional
Power supply :	Megmeet integrated power supply
Wireless keyboard and mouse :	Optional
Strage humidity :	5% - 95%

KEY · Wi-Fi Antenna · Power cable · Hex Wrench · Warantee Card · QC Sticker

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Capacitive Touch Screen Parameter	
Induction Technology :	Multi-point projected capacitive touch
Application solution :	Heria
Touch point :	10 point touch
Sensing objectt :	Finger , Capacitive touch pen
Transmittance :	Viewing area > 85%
Touch accuracy :	10 ± 1 ms
Resolution :	4096 x 4096
Response time :	Sungle point or Multi-point < 4 ms
Cursor speed :	Up to 120 point/sec
Service life :	More than 60,000,000 clicks
Screen protection glass :	3mm or 4mm optical tempered glass
Touch screen power supply :	USB or Serial port DC power supply (4.5-5V)
Power consumption :	< 1W
Compatible system :	Windows 7 / 10 , Android , Linux
Position correction :	Modify firmware through HERIA APK tool
Anti-glare decay function :	Capacitive touch not degraded by light
Operating temperature :	-10 ^{o}C - 60 ^{o}C
Infrared Touch Screen Parameter	
Induction Technology :	Infrared sensor for tube. Tube > 300 pairs
Touch point :	Infrared 10-point touch screen without driver
Sensing objectt :	Any opaque objects
Touch accuracy :	< 1.5 mm (Central Area) , < 2.0 mm (Edge Area)
Resolution :	32,767 x 32,767
Response time :	Single point mode : First point (click) : 8 ms / Continuous (writing) : 3 ms
	Multi-Point modes : First point (click) : 8 ms / Continuous (writing) : 8 ms
	Mouse Mode : First point (click) : 8 ms / Continuous (writing) : 8 ms
Cursor speed :	Sungle point up to 300 points/sec , Multi-Point and Mouse up to 125 points/sec
Service life :	More than 60,000,000 clicks
Screen protection glass :	3mm optical tempered glass
Touch screen power supply :	DC power supply (4.5-5V)
Power consumption :	< 1W
Compatible system :	Windows 7 / 8 to archieve 2-point operation and writing, Support WIN 7 gesture reconition
Position correction :	Comply with HID equipment standard.
	No positioning is required, and a management program is provided for positioning correction.
	4 or 5 Point positioning methods can be select.
Anti-glare decay function :	Capacitive touch not degraded by light

FM-H1-156   **FM-H1-185**   **FM-H1-236**   **FM-H1-270**   **FM-H1-320**

FM-H1-430   **FM-H1-490**   **FM-H1-550**   **FM-H1-650**

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