Professional Quality Signage Displays
QM Series

49" / 55" / 65"

Resolution:
49", 55": 1920x1080 (FHD)
65": 3840x2160 (UHD)
Brightness: 500 cd/m^2
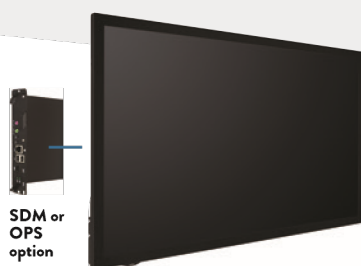*Operation:* 24/7
Bezel: 6.9-9.7 mm (T/R/L), 10.6-13.4 mm (B)
Interface: HDMI 2.0 / VGA / USB / RS232 /
RJ45 / RJ12 / IR / HP / Audio / Speaker

Create compelling customer engagement continuously with your QM series. With long lasting working hours, slim design and powerful platform enables you to deliver lifelike quality all the time.

SDM or OPS option

SDM Ready

With the change comes for OPS and Display computing cards, QM series also give customer to choose between OPS or SDM module. You can order your product either as OPS ready or SDM ready.

Pixel Shifting

Pixel Shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move on small intervals while causing no interference of visual experience.

HDMI Wake Up

To maximize the user experience while using external video devices such as mediaplayers, display controllers or PCs, all our devices have HDMI Wakeup feature ready to turn on/off the display by simply pluging/unplugging the HDMI cable.

Scheduler

Scheduler is one of the many important properties of SoC. Scheduler lets setting up the opening and closing times of display and also holidays while switching to any video source. So you do not need to worry about the status of the displays in any time.

1. HDMI OUT
2. HDMI IN 1
3. HP
4. IR IN
5. HDMI IN 2
6. OPTICAL SPDIF
7. RJ12-SENSORS
8. RJ12
9. AUDIO IN L/R
10. DSUB9-RS232
11. VGA
12. RJ45
13. USB 2
14. USB 1

KEY SERIES FEATURES

- ADA Compliance
- SDM Ready
- Scheduler
- Temperature Control
- OSD Rotation
- IP Streaming Support
- Pixel Shifting
- OPS Support
- Touch Support
- USB Secure Cover
- Carrying Handles
- IR Extender
- Detachable Logo
- Detachable Power Cord
- Embedded CMS

- Dolby Audio Processing
- Playlist Creation
- SoC CMS
- HTML5 API Support
- Start Url
- Professional Design
- HDMI Wakeup
- HDMI Switching
- HDMI CEC
- HDMI Auto-Switch
- Brightness Scheduling
- Sensor Compatibility
- Improved UI
- Color Calibration(VW)
- Built-in Connectivity

- Built-in WiFi
- Built-in Bluetooth
- Display Control
- Usb Auto-Play
- Longer Life Span
- Sensor Support
- Signal Failover
- Input Search
- Button Lock
- RCU Lock
- Menu Lock
- Device ID
- Display Lifetime
- Serial Number
- Software Upgrade

- OPS Status
- OPS Power Control
- Power-up Mode
- Power on Delay
- Auto-Launch
- Boot-up Picture
- USB Cloning
- USB Operations
- USB Information
- USB Safe Eject
- Videowall Settings
- Daisychain
- Volume Limit
- Startup Volume
- Headphone Volume

QM Series

Model Name	QM49A/2H	QM55A/2H	QN65A/4F
Panel			
Screen Size	49"	55"	65"
Panel Technology	IPS	IPS	IPS
Backlight Type	Edge-Type LED	Edge-Type LED	Edge-Type LED
Brightness (typical)	500 cd/m²	500 cd/m²	500 cd/m²
Native Resolution	1920 x 1080(16:9) - FHD	1920 x 1080 (16:9) - FHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1000:1	1200:1	1200:1
Dynamic Constrast Ratio	50000:1	50000:1	50000:1
Panel Life Time (Min.)	50000 Hrs	50000 Hr	50000 Hrs
Response Time (typical)	6 ms	6 ms	8 ms
Active Area (H x V)	1074 x 605 mm	1210 x 680 mm	1428 mm (H) x 804 mm (V)
Pixel Pitch (H x V)	0.5593 x 0.5593 mm	0.630 x 0.630 mm	0.372 x 0.372 mm
PPI (pixel per inch)	45	40	68
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7 M (8-bit)	16.7 M (8-bit)	1.07 B (10-bit)
Screen Treatment	3H	3H	3H
Haze Level	1%	1%	1%
Refresh Rate	60Hz	60Hz	60 Hz
Front Type	UNB	UNB	Ultra Narrow Bezel
Orientation	Horizontal/Vertical	Horizontal/Vertical	Horizontal / Vertical
Operation Hours	24/7	24/7	24/7
Area of Usage	Indoor	Indoor	Indoor
Mainboard			
Mainboard Model	17MB135VS	17MB135VS	17MB135VS
Monitor Connectivity			
RGB Input	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)
RGB Output	N/A	N/A	N/A
Video Input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 1xDP1.2a, 2xUSB2.0, USB2.0(Internal)
Video Output	HDMI2.0	HDMI2.0	HDMI2.0, DP1.2a
Audio Input	Line In L/R	Line In L/R	Line In L/R
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12	RJ12	RJ12
Mechanical			
Product Dimensions (WxDxH)	1099 x 50 (64 W/OPS) x 632 mm	1236 x 50 (64 W/OPS) x 711 mm	1455 x 52 (66 W/OPS) x 834 mm
Package Dimensions (WxDxH)	1195 x 145 x 775 mm	1369 x 145 x 874 mm	TBD
Product Weight	TBD	TBD	TBD
Package Weight	TBD	TBD	TBD
Vesa Mounting	400 x 200 mm	400 x 200 mm	400 x 400 mm
Bezel Width	B:11 | T:7 | L/R:7 mm	B:12 | T:7 | L/R:7 mm	B:13 | T:10 | L/R:10 mm
Environmental Conditions			
Operating Temperature	0-40°C	+40°C / 0°C	+40°C / 0°C
Operating Humidity	10-90%	0 to 90%	0 to 90%
Power			
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
Power Consumption			
Typical	TBD	TBD	TBD
Deep Standby	≤0.5W	≤0.5W	≤0.5W
Features			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance
Speaker	TBD	TBD	TBD
Accessory			
Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification			
Safety	Yes	Yes	Yes
EMC	Yes	Yes	Yes
CE	Yes	Yes	Yes