Standard 4K Displays Excelling in Brightness, Reliability, and System Scalability

98
86
75

65
55
50
43

4K PROFESSIONAL · 24/7 Operation · USB 4K Media Player · Portrait · intel. smart display module ready · Portrait Zoom

Actual resolution: 3840 x 2160p
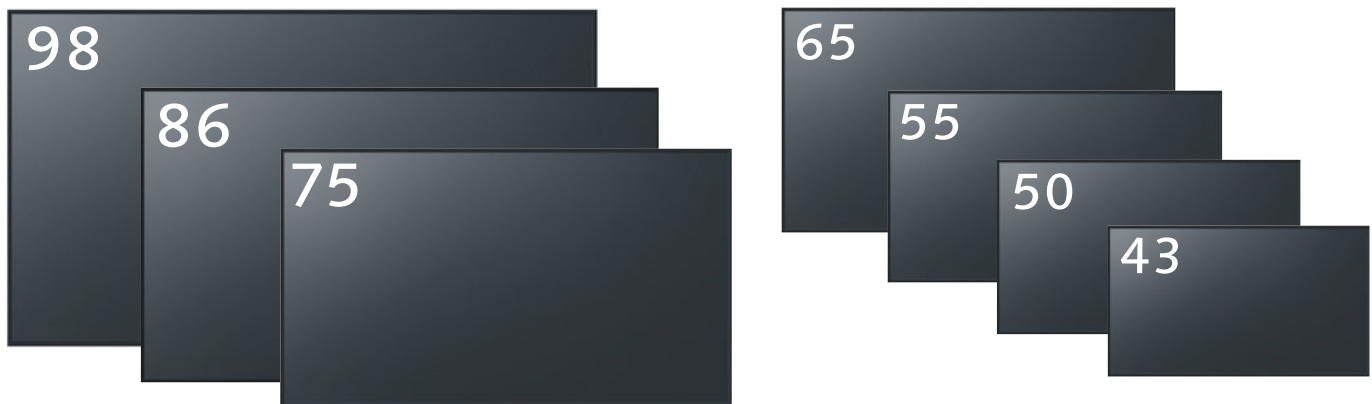
SQ2H Series							
	TH-98SQ2HW	TH-86SQ2HW	TH-75SQ2HW	TH-65SQ2HW	TH-55SQ2HW	TH-50SQ2HW	TH-43SQ2HW
Screen Size	98-inch class	86-inch class	75-inch class	65-inch class	55-inch class	50-inch class	43-inch class
Brightness	700 cd/m²						
Panel Surface Treatment	Anti-glare (Haze 25 %)						
Resolution	4K (3840 x 2160)						
Operating Time	24 h/day						

• 4K high-brightness panel offering high image quality and high visibility

These ultra-high resolution 4K displays with a bright 700 cd/m² deliver strong visibility even in bright conditions. Their panels are designed to mitigate glare from light sources and ambient light, reducing reflections. Even next to a window, these displays can be effectively used to share information in a classroom or conference room setting, and are well-suited to in-store digital signage placed in well-lit areas.

• A lineup boasting reliability and flexible installation adapted to diverse use cases

The SQ2H Series comes in seven sizes—from 43 to 98 inches—with offerings for spaces of all sizes. They can easily be rotated to support vertical-oriented content, and can tilt forward and back for easier viewing angles. And, with constant 24-hour uptime, they offer peace of mind when running displays for long hours.

• System scalability to enable a wide range of system integration

The SQ2H Series is equipped with various interfaces including USB Type C, compatible with DP Alt mode and power delivery of up to 60 W. The Series also utilizes the Intel® Smart Display Module (Intel® SDM) specification slot standard. By combining PC boards or interface boards, the displays can be employed in a wider range of use cases. They are equipped with USB media player functionality to display 4K content and 20 W (10 W + 10 W) of built-in speakers, precluding the need for external speakers.

Specifications   *Design and specification subject to change without notice.*

Model		TH-98SQ2HW	TH-86SQ2HW	TH-75SQ2HW	TH-65SQ2HW	TH-55SQ2HW	TH-50SQ2HW	TH-43SQ2HW
Panel	Panel size	98-inch (2476.9 mm)	86-inch (2174.2 mm)	75-inch (1892.7 mm)	65-inch (1638.9 mm)	55-inch (1387.8 mm)	50-inch (1257.3 mm)	43-inch (1079.8 mm)
	Pixels (H x V)	3840 x 2160						
	Brightness (typ.)	700 cd/m²						
	Contrast	1200:1	4000:1	1200:1	5000:1		4000:1	1200:1
	Viewing angle [(T/B)/(L/R)]	178°/178° (Typ.)						
	Panel surface treatment	Anti-glare treatment (Haze 25 %)						
Terminals	HDMI™ IN	HDMI™ x 3 (compatible with HDCP2.2)						
	PC IN	mini D-sub 15 pin						
	USB	USB Type A x 1 (DC 5V / Max. 1 A, USB 3.0 is supported), USB Type A x 1 (DC 5V / Max. 2 A, USB 2.0 is supported), USB Type C x 1 (Max 60 W Power Delivery compatible, USB2.0 is supported, DP Alt Mode compatible)						
	Serial IN	D-sub 9 pin RS-232C Compatible						
	IR IN/OUT	Stereo mini jack (φ3.5 mm) x 1/x 1						
	LAN	RJ45 x 1 compatible with PJLink™ 10BASE-T/100BASE-TX						
	Slot	Intel® SDM standard (SDM-S / SDM-L, 3.3 V / Max. 1.1 A, 12V / Max. 5.5 A)						
	Audio IN	Stereo mini jack (φ3.5 mm) x 1						
	Audio OUT	Stereo mini jack (φ3.5 mm) x 1						
Operating time[1]		24 h/day						
Portrait/Tilt setting		Yes / 20 degrees forward and backward with landscape/portrait setting						
Built-in speaker		20 W [10 W + 10 W]						
Power supply		AC 110-240 V 50 Hz/60 Hz, 5.2 A-2.6 A	AC 110-240 V 50 Hz/60 Hz, 6.1 A-3.0 A	AC 110-240 V 50 Hz/60 Hz, 4.2 A-2.1 A	AC 110-240 V 50 Hz/60 Hz, 3.6 A-1.8 A	AC 110-240 V 50 Hz/60 Hz, 3.4 A-1.7 A	AC 110-240 V 50 Hz/60 Hz, 2.8 A-1.4 A	AC 110-240 V 50 Hz/60 Hz, 2.4 A-1.2 A
Power consumption		285 W (Shipping Condition)	351 W (Shipping Condition)	215 W (Shipping Condition)	175 W (Shipping Condition)	165 W (Shipping Condition)	125 W (Shipping Condition)	93 W (Shipping Condition)
On mode average power consumption[2]		253 W (Picture Mode: [Standard])	309 W (Picture Mode: [Standard])	194 W (Picture Mode: [Standard])	158 W (Picture Mode: [Standard])	149 W (Picture Mode: [Standard])	114 W (Picture Mode: [Standard])	85 W (Picture Mode: [Standard])
Power off condition		0 W						
Stand-by condition		Approx. 0.5 W						
Dimension (WxHxD)	Excluding handles	2194 x 1256 x 90 mm (86.36" x 49.46" x 3.55")	1929 x 1100 x 70 mm (75.95" x 43.31" x2.74")	1684 x 962 x 70 mm (66.28" x 37.87" x 2.74")	1463 x 838 x 69 mm (57.58" x 32.97" x 2.72")	1242 x 713 x 66 mm (48.89" x 28.06" x 2.60")	1129 x 649 x 66 mm (44.43" x 25.56" x 2.60")	973 x 562 x 65 mm (38.31" x 22.10" x 2.56")
	Including handles	2194 x 1256 x 90 mm (86.36" x 49.46" x 3.55")	1929 x 1100 x 96 mm (75.95" x 43.31" x3.76")	1684 x 962 x 96 mm (66.28" x 37.87" x 3.76")	1463 x 838 x 94 mm (57.58" x 32.97" x 3.68")			
Weight		70.0 kg/154.33 lbs	48.7 kg/107.4 lbs	37.4 kg/82.33 lbs	28.2 kg/62.17 lbs	18.0 kg/39.69 lbs	15.5 kg/34.02 lbs	11.5 kg/25.29 lbs
Wall-hanging pitch		600 x 400 mm (VESA compliant) M8			400 x 400 mm (VESA compliant) M8	400 x 400 mm (VESA compliant) M6		200 x 200 mm (VESA compliant) M6

1: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.
2: Based on IEC 62087 Ed.2 measurement method

Optional Accessories

- **Wall hanging bracket[1]**
  TY-WK98PV1
  (For 98,86,75,65-inch model)
- **12G-SDI Terminal Board**
  TY-SB01QS
- **DIGITAL LINK Terminal Board**
  TY-SB01DL

- **Pedestal**
  TY-ST75PE9 (For 75,65-inch model)
  TY-ST55PE9 (For 55-inch model)
  TY-ST43PE9 (For 50,43-inch model)
- **Early Warning Software[2]**
  ET-SWA100 series

1: The availability varies depending on the country.
2: Suffix of the part number may differ depending on the license type.

Software

- **Multi Monitoring & Control Software**
- **Video Wall Manager**
- **Content Management Software**
- **Screen Transfer**

Panasonic CONNECT

For more information about Panasonic Professional Displays, please visit:
Display Global Website – **https://panasonic.net/cns/prodisplays**
Facebook – **www.facebook.com/panasonicprojectoranddisplay**
YouTube – **www.youtube.com/user/PanasonicProDisplay**

Note: Following the shift of the Panasonic Group to a holding company system, the Connected Solutions Company of the Panasonic Corporation has changed to Panasonic Connect Co., Ltd. as of April 1, 2022.

All information included here is valid as of July 2023.

SQ2H Printed in Japan.