



AF1-SST Series

42/49/55" LCD DISPLAYS WITH SHADOWSENSE™ MULTI-TOUCH

Basic specifications

	TH-42AF1-SST	TH-49AF1-SST	TH-55AF1-SST
Screen size (diagonal)	42-inch	49-inch	55-inch
LED panel/backlight	IPS / Edge-LED	IPS / Edge-LED	IPS / Edge-LED
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	500 cd/m ² (typ)	500 cd/m ² (typ)	500 cd/m ² (typ)
Touch Detection method	ShadowSense™ Touch	ShadowSense™ Touch	ShadowSense™ Touch
Touch operation	multi-touch up to 10 points	multi-touch up to 10 points	multi-touch up to 10 points

All-in-one Interactive Displays for Signage applications

The AF1-SST range of interactive display combines the innovative ShadowSense™ Touch technology and the performance of a stand-alone solution with the Android™-based OpenPort Platform™, ideal for installations such as interactive POS and way finding signage.

Advanced touch capability with the ShadowSense™ technology

- Works even in very bright environments
- Works with any input device (fingers, gloves, pens)
- Avoids accidental touches by recognizing pens, fingers, sleeves or objects used as an eraser
- High touch accuracy and fast response
- Very robust due to high tolerance towards dirt and objects blocking sensors
- Protection glass: 4mm hardened safety glass, smooth anti-glare surface for easy drawing and writing.

The AF1 series features the OpenPort PLATFORM™

- No need for external computer with the integrated SoC, featuring an 1GHz Quad-Core CPU, 1GB RAM, 8GB Storage, and running an Android™-based Operating System
- Compatible with Apps from the Google Playstore* such as Whiteboard, Office viewer, Signage and Content Management Software
- Open, edit and save content on the internal storage, an USB drive or SD Card.



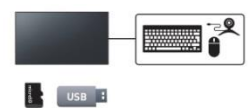
Reliable Full HD LCD Display



10-point multi-touch Interactive Display using ShadowSense™ Technology



Powered by a high-performance SoC (System on a Chip) and Android™-based Operating System, ideal for Signage applications.



Supports Connection of Peripheral Devices and External Memory devices to further expand functionality

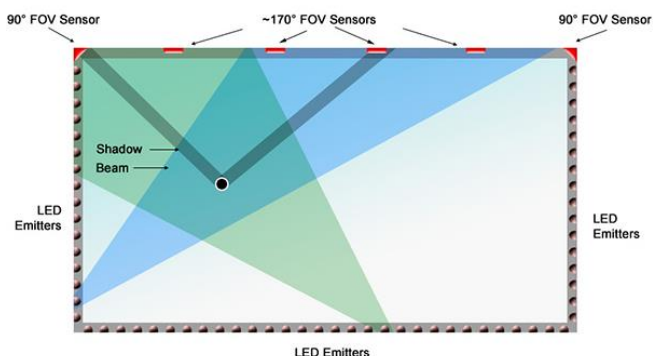
*Panasonic only guarantees flawless operation for apps hosted on the Panasonic server

AF1-SST Series

	TH-42AF1-SST	TH-49AF1-SST	TH-55AF1-SST
Display Panel			
Screen size (diagonal)	42-inch	49-inch	55-inch
LED panel/backlight		IPS / Edge-LED	
Resolution (pixels)		1920 x 1080	
Brightness (typ.)		500 cd/m ²	
Viewing Angle		178°/178° (CR10)	
Response Time (typ.)		8 ms (G to G)	
Supported Orientation		Portrait / Landscape	
Touch Technology			
Touch Detection		ShadowSense™ Touch	
Touch operation		Multi-touch up to 10 points	
Effective Display Area	984 x 574 mm	1123 x 653 mm	1261 x 736 mm
OpenPort Platform System			
OS		Android 4.4.3	
CPU		Cortex-A9, 1.0 GHz (Quad)	
Memory		RAM 1 GB / ROM 8 GB	
Network		RJ45 x 1 for Network Connection, 10BASE-T/100BASE-TX/1000BASE-T, Compatible with PLink™	
Wireless LAN		IEEE 802.11a/b/g/n	
USB		USB2.0 connector (TYPE A) x 3, DC 5 V/500 mA Micro USB Connector x 1	
SD Card Slot		microSD/ microSDHC x 1	
Display Connectivity			
Input Video Analogue	Mini D-Sub 15-pin x 1 (Female), BNC x 1 set (Shared with Component In)		
Input Video Digital	HDMI Type A Connector x 2, DVI-D 24-pin x 1		
Input Audio Analogue	Stereo Mini Jack (M3) x 2 (Shared with Video In and with PC in)		
Input Audio Digital	Stereo Mini Jack (M3) x 1 (Shared with DVI-D In)		
Output Audio Analogue	Stereo Mini Jack (M3) x 1		
Output Video Digital	DVI-D 24-pin x 1		
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C Compatible		
IR In/Out	Stereo Mini Jack (M3) x 1 / x 1		
USB	USB connector (TYPE A) x 1, DC 5 V/1 A (USB3.0 is not supported)		
Built-in Speakers	20W (10W + 10W)		
General			
Power Requirements		220-240 V AC, 50 Hz/60 Hz	
Power Consumption	160W	181W	196W
Dimensions (WxHxD)	947 x 541 x 90mm (with handle)	1171 x 701 x 90mm (with handle)	1309 x 784 x 90mm (with handle)
Carton Size (WxHxD)	1032 x 622 x 203 mm	1308 x 849 x 203 mm	1444 x 922 x 223 mm
Weight	approx. 33.5kg	Approx. 39.8kg	approx. 49kg
Gross Weight	approx. 38.5kg	approx. 46.5kg	approx. 57kg
Protective glass	4mm hardened safety glass		
Supported Orientation	Portrait / Landscape		
Operating Time	24/7		

About ShadowSense™ touch

ShadowSense™ touch is based upon the precise and accurate detection of an object's shadow as it enters, hovers within, or transitions out of a sensor's field of view.



ShadowSense™ touch technology offers real-time collaboration in meetings, tracking all 10 touch points with the highest touch point accuracy.

Advanced Input Recognition



Recognizes the shape, size and pressure of any object whether it's a bare finger, a gloved finger or a pen.



Sensing the size of an object permits control over what is recognized as a valid touch versus an unintentional touch.



Instantly differentiates between a finger, pen and eraser so that inking applications can be used without cumbersome control changes.