

SM Series Standard Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



IP65 front bezel,
Waterproof gasket (optional)

Aluminum front bezel + metal chassis

Rear side

Power Supply	DC in 12V external power adapter (DC in 19V ~ 36V optional for 17", 19" & 21.5")
I/O Ports (Default)	1 x VGA, 1 x DVI, 1 x USB or RS232 for resistive touch screen, 1 x Power terminal block (15" & 21.5")
I/O Ports (Optional)	1 x HDMI (15" ~ 21.5")
Operation Temperature	0°C ~ 45°C
Storage Temperature	-10°C ~ 70°C
Relative Humidity	0% ~ 95% non-condensing
OS Support	Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP
Installation	Clip mount, Panel mount & VESA mount 75 x 75 mm (8.4" ~ 12.1") / 100 x 100 mm (15" ~ 21.5")
Optional Items	Waterproof gasket, None touch screen, Open frame, Stainless front bezel, Mounting clips

Model Name	12V	SM-ZJR08RF	SM-ZJR10RF	SM-ZJS10RF	SM-ZJR12RF	SM-ZJS12RF	SM-ZJL15RF
	19~36V	-	-	-	-	-	-
Display	Size / Aspect Ratio	8.4" TFT (4:3)	10.4" TFT (4:3)	10.4" TFT (4:3)	12.1" TFT (4:3)	12.1" TFT (4:3)	15" TFT (4:3)
	Backlight	CCFL	CCFL	LED	CCFL	LED	LED
	Resolution	800 x 600	800 x 600	1024 x 768	800 x 600	1024 x 768	1024 x 768
	Colors	16.2 M	16.2 M	16.2 M	16.2 M	16.2 M	16.2 M
	Luminance (cd/m ²)	450	230	350	400	500	400
	Contrast Ratio	600:1	500:1	1200:1	600:1	700:1	700:1
	Viewing Angle (H/V°)	150/150	140/120	176/176	160/120	160/160	160/160
	MTBF (hrs)	50,000	50,000	50,000	50,000	50,000	50,000
Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive	
Dimension (W x H x D, mm)		270.7 x 207 x 71	302 x 224 x 70.2	302 x 224 x 70.2	349.4x263.9x70	349.4x263.9x70	400.9x303.7x71
Weight (kg)		3	4	4	5.5	5.5	6.5
OSD Controller		Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)

Model Name	12V	SM-ZJD15RF	SM-ZJL17RF	SM-ZJD17RF	SM-ZJL19RF	SM-ZJD21RF
	19~36V	-	SM-ZJL17RW	-	SM-ZJL19RW	SM-ZJD21RW
Display	Size / Aspect Ratio	15.6" TFT (16:9)	17" TFT (4:3)	17.3" TFT (16:9)	19" TFT (4:3)	21.5" TFT (16:9)
	Backlight	LED	LED	LED	LED	LED
	Resolution	1366 x 768	1280 x 1024	1920 x 1080	1280 x 1024	1920 x 1080
	Colors	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M
	Luminance (cd/m ²)	300	350	400	250	300
	Contrast Ratio	500:1	1000:1	600:1	1000:1	5000:1
	Viewing Angle (H/V°)	170/160	140/170	160/140	170/160	178/178
	MTBF (hrs)	50,000	50,000	50,000	50,000	50,000
Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive	
Dimension (W x H x D, mm)		454 x 272.4 x 74.3	453.5 x 351.9 x 71	TBD	487 x 376.8 x 75	581.3 x 337.2 x 73.6
Weight (kg)		7	8.5	8.5	9	10
OSD Controller		Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)