

# ***SM Series***

***Standard Fanless Industrial Touch Monitor***

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# SM-ZJL08RF

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports	
VGA	1
DVI	1
USB or RS232	1
Display	
Size	8.4" TFT (4:3)
Backlight	LED
Resolution	800 x 600
Colors	16.2 M
Luminance ( cd/m2)	450
Contrast Ratio	600:1
MTBF (hrs)	50,000
View Angle ( H / V )	150/150

Touch screen	
Touch screen	5-wire resistive
OS Support	
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP	
Power Requirement	
Power Input Voltage	DC in 12V
Mechanical & Environmental	
Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 75 x 75 mm
Dimension (W x H x D, mm)	265.9 x 207 x 71
Weight	3.5kg
Optional	
AR Glass	1

# SM-ZJX10RF

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports		
VGA		1
DVI		1
USB or RS232		1
Display		
Model Number	SM-ZJR10RF	SM-ZJS10RF
Size	10.4" TFT (4:3)	10.4" TFT (4:3)
Backlight	LED	LED
Resolution	800 x 600	1024 x 768
Colors	16.2 M	16.2 M
Luminance ( cd/m2)	230	350
Contrast Ratio	500:1	1200:1
MTBF (hrs)	50,000	50,000
View Angle ( H / V )	140/120	176/176

Touch screen	
Touch screen	5-wire resistive
OS Support	
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP	
Power Requirement	
Power Input Voltage	DC in 12V
Mechanical & Environmental	
Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 75 x 75 mm
Dimension (W x H x D, mm)	302 x 224 x 71
Weight	4
Optional	
AR Glass	1

# SM-ZJX12RF

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports		
VGA		1
DVI		1
USB or RS232		1
Display		
Model Number	SM-ZJR12RF	SM-ZJS12RF
Size	12.1" TFT (4:3)	12.1" TFT (4:3)
Backlight	LED	LED
Resolution	800 x 600	1024 x 768
Colors	16.2 M	16.2 M
Luminance ( cd/m2)	400	500
Contrast Ratio	600:1	700:1
MTBF (hrs)	50,000	50,000
View Angle ( H / V )	160/120	160/160

Touch screen	
Touch screen	5-wire resistive
OS Support	
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP	
Power Requirement	
Power Input Voltage	DC in 12V
Mechanical & Environmental	
Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 75 x 75 mm
Dimension (W x H x D, mm)	354.9 x 264.7 x72
Weight	7.5kg
Optional	
AR Glass	1



# SM-ZJD15RF

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports	
VGA	1
DVI	1
USB or RS232	1
Display	
Size	15.6" TFT (16:9)
Backlight	LED
Resolution	1366 x 768
Colors	16.7 M
Luminance ( cd/m2)	400
Contrast Ratio	500:1
MTBF (hrs)	50,000
View Angle ( H / V )	170/160

Touch screen	
Touch screen	5-wire resistive
OS Support	
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP	
Power Requirement	
Power Input Voltage	DC in 12V
Mechanical & Environmental	
Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 100 x 100 mm
Dimension (W x H x D, mm)	454 x 272.4 x 75
Weight	12.5kg
Optional	
AR Glass	1

# SM-ZJL15RF

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver / black anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports	
VGA	1
DVI	1
USB or RS232	1
Display	
Size	15" TFT (4:3)
Backlight	LED
Resolution	1024 x 768
Colors	16.7 M
Luminance ( cd/m2)	400
Contrast Ratio	700:1
MTBF (hrs)	50,000
View Angle ( H / V )	160/160

Touch screen	
Touch screen	5-wire resistive
OS Support	
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP	
Power Requirement	
Power Input Voltage	DC in 12V (default)
Mechanical & Environmental	
Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 100 x 100 mm
Dimension (W x H x D, mm)	400.9 x 303.7 x 71
Weight	9.5
Optional	
AR Glass	1

# SM-ZJD17RF

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports	
VGA	1
DVI	1
USB or RS232	1
Display	
Size	17.3" TFT (16:9)
Backlight	LED
Resolution	1920 x 1080
Colors	16.7 M
Luminance ( cd/m2)	400
Contrast Ratio	600:1
MTBF (hrs)	50,000
View Angle ( H / V )	160/140

Touch screen	
Touch screen	5-wire resistive
OS Support	
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP	
Power Requirement	
Power Input Voltage	DC in 12V
Mechanical & Environmental	
Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 100 x 100 mm
Dimension (W x H x D, mm)	454 x 272.4 x 75
Weight	12.5kg
Optional	
AR Glass	1



# SM-ZJL17RF/RW

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver/Black anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports	
VGA	1
DVI	1
USB or RS232	1
Display	
Size	17" TFT (4:3)
Backlight	LED
Resolution	1280 x 1024
Colors	16.7 M
Luminance ( cd/m2)	350
Contrast Ratio	1000:1
MTBF (hrs)	50,000
View Angle ( H / V )	140/170

Touch screen		
Touch screen	5-wire resistive	
OS Support		
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP		
Power Requirement		
Model Number	SM-ZJL17RF	SM-ZJL17RW
Power Input Voltage	DC in 12V (default)	DC in 19~36V (Optional)
Mechanical & Environmental		
Operation Temp	0°C~ 45°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	Panel mount and Clip mount VESA mount 100 x 100 mm	
Dimension (W x H x D, mm)	453.5 x 352 x71	
Weight	13.5kg	
Optional		
AR Glass	1	

# SM-ZJL19RF/RW

## Full IP65 Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver/Black anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI ,1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

#### I/O Ports

VGA	1
DVI	1
USB or RS232	1

#### Display

Size	19" TFT (4:3)
Backlight	LED
Resolution	1280 x 1024
Colors	16.7 M
Luminance ( cd/m2)	250
Contrast Ratio	1000:1
MTBF (hrs)	50,000
View Angle ( H / V )	170/160

#### Touch screen

Touch screen	5-wire resistive
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#### OS Support

Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP

#### Power Requirement

Model Number	SM-ZJL19RF	SM-ZJL19RW
Power Input Voltage	DC in 12V (default)	DC in 19~36V (Optional)

#### Mechanical & Environmental

Operation Temp	0°C~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Panel mount ,Clip mount VESA mount 100 x 100 mm
Dimension (W x H x D, mm)	483 x 376.8 x 74.8
Weight	13.5kg

#### Optional

AR Glass	1
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# SM-ZJD21RF/RW

## Fanless Industrial 5W Touch Monitor



### Feature

- Fanless design and compact solution
- IP65 compliant thickness aluminum front bezel
- Silver anodic aluminum front bezel
- 5-wire resistive touch screen
- 1 x VGA, 1 x DVI, 1 x USB or 1 x RS232 for touch screen
- AR Glass (optional)

I/O Ports	
VGA	1
DVI	1
USB or RS232	1
Display	
Size	21.5" TFT (16:9)
Backlight	LED
Resolution	1920 x 1080
Colors	16.7 M
Luminance ( cd/m2)	300
Contrast Ratio	3000:1
MTBF (hrs)	50,000
View Angle ( H / V )	178/178

Touch screen		
Touch screen	5-wire resistive	
OS Support		
Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP		
Power Requirement		
Model Number	SM-ZJD21RF	SM-ZJD21RW
Power Input Voltage	DC in 12V (default )	DC in 15 ~36V (optional)
Mechanical & Environmental		
Operation Temp	0°C~ 45°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	Panel mount ,Clip mount VESA mount 100 x 100 mm	
Dimension (W x H x D, mm)	581.3 x337.2 x 74	
Weight	13.5kg	
Optional		
AR Glass	1	