

SM Series

Standard Fanless Industrial Touch Monitor

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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
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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
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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