

The background of the top half of the page is a photograph of an industrial setting. It shows a complex arrangement of copper pipes and valves, with a red box labeled "KINGDY" visible. In the foreground, a silver-framed multi-touch monitor is shown at an angle. A semi-transparent purple rectangle is overlaid on the left side of this image, containing the section header text.

Kingdy Industrial (Multi) Touch Monitor

A full range of solutions for a wide variety of industrial criteria including extreme temperature resistance or sunlight readable



SA Series Full IP65 Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

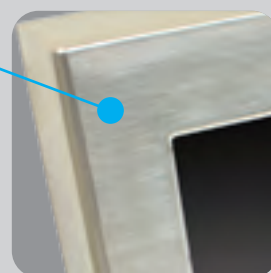
Rear side

Power Supply	Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter
I/O Ports (Default)	1 x VGA, 1 x USB or RS232 for resistive touch screen
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	VESA mount 100 x 100 mm
Optional Items	None touch screen

Model Name		12V 19~36V	SA-ZJL15RF SA-ZJL15RW	SA-ZJL17RF SA-ZJL17RW	SA-ZJL19RF SA-ZJL19RW	SA-ZJD21RF SA-ZJD19RW
Display	Size / Aspect Ratio		15" TFT (4:3)	17" TFT (4:3)	19" TFT (4:3)	21.5" TFT (16:9)
	Backlight		LED	LED	LED	LED
	Resolution		1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080
	Colors		16.2 M	16.7 M	16.7 M	16.7 M
	Luminance (cd/m²)		400	350	250	300
	Contrast Ratio		700:1	1000:1	1000:1	5000:1
	Viewing Angle (H/V°)		160/160	140/170	170/160	178/178
	MTBF (hrs)		50,000	50,000	50,000	50,000
	Touch Screen		5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive
Dimension (W x H x D, mm)			380 x 290 x 67	425 x 361 x 68	455 x 367.6 x 67	TBD
Weight (kg)			8	9	10	11
I/O port's position			Bottom	Rear	Rear	Rear
OSD Controller			Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)

Highlights

IP65 compliant 6-sided sealed stainless steel chassis
to prevent liquid / dust from getting into the housing and
to resist acid- / alkali-based cleaning agents from corroding the device



SA / HA / DA / LA Series

HA Series Sunlight Readable Full IP65 Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



Sunlight Readable



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

Rear side

Up to 1600 nit

Power Supply	Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter
I/O Ports (Default)	1 x VGA, 1 x USB or RS232 for resistive touch screen
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	VESA mount 100 x 100 mm
Optional Items	None touch screen

Model Name	12V	HA-ZJL15RF			HA-ZJL17RF			HA-ZJL19RF			HA-ZJD21RF		
	19~36V	HA-ZJL15RW			HA-ZJL17RW			HA-ZJL19RW			HA-ZJD21RW		
Display	Size / Aspect Ratio	15" TFT (4:3)			17" TFT (4:3)			19" TFT (4:3)			21.5" TFT (16:9)		
	Backlight	LED			LED			LED			LED		
	Resolution	1024 x 768			1280 x 1024			1280 x 1024			1920 x 1080		
	Colors	16.7 M	16.2 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M
	Luminance (cd/m ²)	1600	1000	800	1600	1000	800	1600	1000	800	1600	1200	1000
	Contrast Ratio	700:1	700:1	700:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	900:1	1100:1	1000:1
	Viewing Angle (H/V°)	160/160	160/160	160/160	170/170	160/160	170/170	170/160	160/170	170/160	170/160	170/160	170/160
	MTBF (hrs)	70,000			70,000			70,000			70,000		
	Touch Screen	5-wire resistive			5-wire resistive			5-wire resistive			5-wire resistive		
Dimension (W x H x D, mm)		380 x 290 x 67			425 x 361 x 68			455 x 367.6 x 67			TBD		
Weight (kg)		8			9			10			11		
I/O port's position		Bottom			Rear			Rear			Rear		
OSD Controller		Yes (rear)			Yes (rear)			Yes (rear)			Yes (rear)		

Highlights



IP65 waterproof stainless steel connectors
to prevent liquid from getting into the housing via the cable entry points

SA / HA / DA / LA / TA / UA / EA / VA Series

DA Series Wide Temperature Full IP65 Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



Heat/cold-resistant -20°C ~ 55°C



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

Rear side

Power Supply	Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter
I/O Ports (Default)	1 x VGA, 1 x USB or RS232 for resistive touch screen
Op. Temp. for Monitor	-20°C ~ 55°C
Op. Temp. for Adapter	-20°C ~ 50°C
Storage Temperature	-25°C ~ 70°C
Relative Humidity	0% ~ 95% non-condensing
OS Support	Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP
Installation	VESA mount 100 x 100 mm
Optional Items	None touch screen

Model Name	12V	DA-ZJL15RF	DA-ZJL17RF	DA-ZJL19RF
	19~36V	DA-ZJL15RW	DA-ZJL17RW	DA-ZJL19RW
Display	Size / Aspect Ratio	15" TFT (4:3)	17" TFT (4:3)	19" TFT (4:3)
	Backlight	LED	LED	LED
	Resolution	1024 x 768	1280 x 1024	1280 x 1024
	Colors	16.2 M	16.7 M	16.7 M
	Luminance (cd/m ²)	400	350	350
	Contrast Ratio	700:1	1000:1	1000:1
	Viewing Angle (H/V°)	160/160	140/170	160/150
	MTBF (hrs)	50,000	50,000	50,000
	Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive
Dimension (W x H x D, mm)		380 x 290 x 67	425 x 361 x 68	455 x 367.6 x 67
Weight (kg)		8	9	10
I/O port's position		Bottom	Rear	Rear
OSD Controller		Yes (rear)	Yes (rear)	Yes (rear)

Highlights

IP65 rated external power adapter
to prevent liquid from getting into the interior
of the adapter from the junction of the shell



SA / HA / DA / LA / TA / UA / EA / VA Series

LA Series Wide Temperature Sunlight Readable Full IP65 Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



Heat/cold-resistant



Sunlight Readable



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

Rear side

-20°C ~ 55°C

Up to 1600 nit

Power Supply Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter

I/O Ports (Default) 1 x VGA, 1 x USB or RS232 for resistive touch screen

Op. Temp. for Monitor -20°C ~ 55°C

Op. Temp. for Adapter -20°C ~ 50°C

Storage Temperature -25°C ~ 70°C

Relative Humidity 0% ~ 95% non-condensing

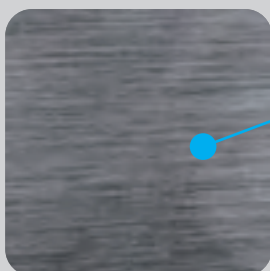
OS Support Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP

Installation VESA mount 100 x 100 mm

Optional Items None touch screen

Model Name		12V	LA-ZJL15RF			LA-ZJL17RF
		19~36V	LA-ZJL15RW			LA-ZJL17RW
Display	Size / Aspect Ratio		15" TFT (4:3)			17" TFT (4:3)
	Backlight		LED			LED
	Resolution		1024 x 768			1280 x 1024
	Colors		16.7 M	16.2 M	16.7 M	16.7 M
	Luminance (cd/m ²)		1600	1000	800	1600
	Contrast Ratio		700:1	700:1	700:1	1000:1
	Viewing Angle (H/V°)		160/160	160/160	160/160	170/160
	MTBF (hrs)		70,000			70,000
	Touch Screen		5-wire resistive			5-wire resistive
Dimension (W x H x D, mm)			380 x 290 x 67			425 x 361 x 68
Weight (kg)			8			9
I/O port's position			Bottom			Rear
OSD Controller			Yes (rear)			Yes (rear)

Highlights



Hairy brushed finish
to deliver an aesthetic appearance

SA / HA / DA / LA / TA / UA / EA / VA Series

TA Series Full IP65 Multi Touch Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

Rear side

Power Supply	Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter
I/O Ports (Default)	1 x VGA, 1 x USB or RS232 for touch screen
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	VESA mount 100 x 100 mm

Model Name		12V	TA-ZJL15QF (4pt PCT) TA-ZJL15RF (resistive)	TA-ZJL17QF (4pt PCT) TA-ZJL17RF (resistive)	TA-ZJL19QF (4pt PCT) TA-ZJL19RF (resistive)	TA-ZJD21QF (4pt PCT) TA-ZJD21ZF (10pt PCT)
		19~36V	TA-ZJL15QW (4pt PCT) TA-ZJL15RW (resistive)	TA-ZJL17QW (4pt PCT) TA-ZJL17RW (resistive)	TA-ZJL19QW (4pt PCT) TA-ZJL19RW (resistive)	TA-ZJD21QW (4pt PCT) TA-ZJD21ZW (10pt PCT)
Display	Size / Aspect Ratio		15" TFT (4:3)	17" TFT (4:3)	19" TFT (4:3)	21.5" TFT (16:9)
	Backlight		LED	LED	LED	LED
	Resolution		1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080
	Colors		16.2 M	16.7 M	16.7 M	16.7 M
	Luminance (cd/m ²)		400	350	250	300
	Contrast Ratio		700:1	1000:1	1000:1	5000:1
	Viewing Angle (H/V°)		160/160	140/170	170/160	178/178
	MTBF (hrs)		50,000	50,000	50,000	50,000
	Touch Screen		4pt PCT / 5-wire resistive	4pt PCT / 5-wire resistive	4pt PCT / 5-wire resistive	4/10pt PCT
Dimension (W x H x D, mm)			438.2 x 335 x 63	470 x 390 x 67.1	521.4 x 434.4 x 67.1	607 x 401 x 67.1
Weight (kg)			9	10	11	12
I/O port's position			Rear	Rear	Rear	Rear
OSD Controller			Yes (rear)	Yes (rear)	Yes (rear)	Yes (rear)

Highlights

IP65 compliant 6-sided sealed stainless steel chassis
to prevent liquid / dust from getting into the housing and
to resist acid- / alkali-based cleaning agents from corroding the device

Seamless flat-bezel design between chassis and panel
to decrease water / dust accumulation and
to facilitate cleaning / maintenance



TA / UA / EA / VA Series

UA Series Sunlight Readable Full IP65 Multi Touch Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



Sunlight Readable



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

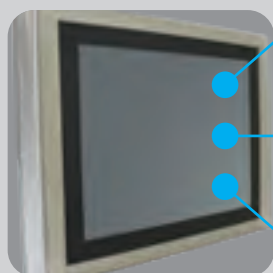
Rear side

Up to 1600 nit

Power Supply	Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter
I/O Ports (Default)	1 x VGA, 1 x USB or RS232 for PCT touch screen
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	VESA mount 100 x 100 mm

Model Name		12V	UA-ZJL15QF (4pt PCT) UA-ZJL15RF (resistive)			UA-ZJL17QF (4pt PCT) UA-ZJL17RF (resistive)			UA-ZJL19QF (4pt PCT) UA-ZJL19RF (resistive)			UA-ZJD21QF (4pt PCT) UA-ZJD21ZF (10pt PCT)		
		19~36V	UA-ZJL15QW (4pt PCT) UA-ZJL15RW (resistive)			UA-ZJL17QW (4pt PCT) UA-ZJL17RW (resistive)			UA-ZJL19QW (4pt PCT) UA-ZJL19RW (resistive)			UA-ZJD21QW (4pt PCT) UA-ZJD21ZW (10pt PCT)		
Display	Size / Aspect Ratio		15" TFT (4:3)			17" TFT (4:3)			19" TFT (4:3)			21.5" TFT (16:9)		
	Backlight		LED			LED			LED			LED		
	Resolution		1024 x 768			1280 x 1024			1280 x 1024			1920 x 1080		
	Colors		16.7 M	16.2 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M
	Luminance (cd/m ²)		1600	1000	800	1600	1000	800	1600	1000	800	1600	1200	1000
	Contrast Ratio		700:1	700:1	700:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	900:1	1100:1	1000:1
	Viewing Angle (H/V°)		160/160	160/160	160/160	170/170	160/160	170/170	170/160	160/170	170/160	170/160	170/160	170/160
	MTBF (hrs)		70,000			70,000			70,000			70,000		
	Touch Screen		4pt PCT / 5-wire resistive			4pt PCT / 5-wire resistive			4pt PCT / 5-wire resistive			4/10pt PCT		
Dimension (W x H x D, mm)			438.2 x 335 x 63			470 x 390 x 67.1			521.4 x 434.4 x 67.1			607 x 401 x 67.1		
Weight (kg)			9			10			11			12		
I/O port's position			Rear			Rear			Rear			Rear		
OSD Controller			Yes (rear)			Yes (rear)			Yes (rear)			Yes (rear)		

Highlights



TA / UA / EA / VA Series

7H hardness anti-scratch panel surface
to avoid touch function failure due to scratch

Oil- & water-stain-proof panel surface
to ensure touch sensitivity

Enhanced PCT touch panel
to enable input with glove which is necessary in some
applications such as semiconductor / panel clean room,
PCB or metal processing

EA Series Wide Temperature Full IP65 Multi Touch Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



Heat/cold-resistant



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

Rear side

-20°C ~ 55°C

Power Supply Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter

I/O Ports (Default) 1 x VGA, 1 x USB or RS232 for PCT touch screen

Op. Temp. for Monitor -20°C ~ 55°C

Op. Temp. for Adapter -20°C ~ 50°C

Storage Temperature -25°C ~ 70°C

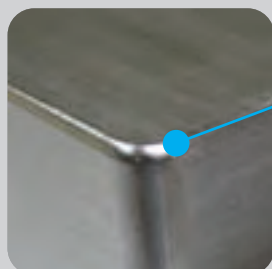
Relative Humidity 0% ~ 95% non-condensing

OS Support Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP

Installation VESA mount 100 x 100 mm

Model Name		12V	EA-ZJL15QF (4pt PCT) EA-ZJL15RF (resistive)	EA-ZJL17QF (4pt PCT) EA-ZJL17RF (resistive)	EA-ZJL19QF (4pt PCT) EA-ZJL19RF (resistive)
		19~36V	EA-ZJL15QW (4pt PCT) EA-ZJL15RW (resistive)	EA-ZJL17QW (4pt PCT) EA-ZJL17RW (resistive)	EA-ZJL19QW (4pt PCT) EA-ZJL19RW (resistive)
Display	Size / Aspect Ratio		15" TFT (4:3)	17" TFT (4:3)	19" TFT (4:3)
	Backlight		LED	LED	LED
	Resolution		1024 x 768	1280 x 1024	1280 x 1024
	Colors		16.2 M	16.7 M	16.7 M
	Luminance (cd/m ²)		400	350	350
	Contrast Ratio		700:1	1000:1	1000:1
	Viewing Angle (H/V°)		160/160	140/170	160/150
	MTBF (hrs)		50,000	50,000	50,000
	Touch Screen		4pt PCT / 5-wire resistive	4pt PCT / 5-wire resistive	4pt PCT / 5-wire resistive
Dimension (W x H x D, mm)			438.2 x 335 x 63	470 x 390 x 67.1	521.4 x 434.4 x 67.1
Weight (kg)			9	10	11
I/O port's position			Rear	Rear	Rear
OSD Controller			Yes (rear)	Yes (rear)	Yes (rear)

Highlights



Smooth chamfer corner

SA / HA / DA / LA / TA / UA / EA / VA Series

VA Series Wide Temperature Sunlight Readable Full IP65 Multi Touch Monitor



Touch Function



Waterproof Design



Housing Design



OSD Controller



Heat/cold-resistant



Sunlight Readable



IP65 chassis, IP65 connectors,
IP65 power adapter (alternative)

Stainless steel

Rear side

-20°C ~ 55°C

Up to 1600 nit

Power Supply Standard / IP65-rated DC in 12V (default) or DC in 19V ~ 36V (optional) external power adapter

I/O Ports (Default) 1 x VGA, 1 x USB or RS232 for PCT touch screen

Op. Temp. for Monitor -20°C ~ 55°C

Op. Temp. for Adapter -20°C ~ 50°C

Storage Temperature -25°C ~ 70°C

Relative Humidity 0% ~ 95% non-condensing

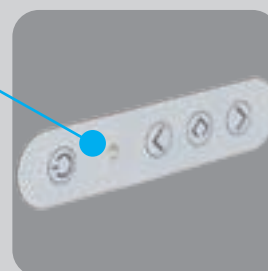
OS Support Win 7 Pro, Embedded 7, Win XP Pro, Embedded XP

Installation VESA mount 100 x 100 mm

Model Name		12V	VA-ZJL15QF (4pt PCT) VA-ZJL15RF (resistive)			VA-ZJL17QF (4pt PCT) VA-ZJL17RF (resistive)			VA-ZJL19QF (4pt PCT) VA-ZJL19RF (resistive)		
		19~36V	VA-ZJL15QW (4pt PCT) VA-ZJL15RW (resistive)			VA-ZJL17QW (4pt PCT) VA-ZJL17RW (resistive)			VA-ZJL19QW (4pt PCT) VA-ZJL19RW (resistive)		
Display	Size / Aspect Ratio		15" TFT (4:3)			17" TFT (4:3)			19" TFT (4:3)		
	Backlight		LED			LED			LED		
	Resolution		1024 x 768			1280 x 1024			1280 x 1024		
	Colors		16.7 M	16.2 M	16.7 M	16.7 M			16.7 M		
	Luminance (cd/m ²)		1600	1000	800	1600			1600		
	Contrast Ratio		700:1	700:1	700:1	1000:1			1000:1		
	Viewing Angle (H/V°)		160/160	160/160	160/160	170/160			170/160		
	MTBF (hrs)		70,000			70,000			70,000		
	Touch Screen		4pt PCT / 5-wire resistive			4pt PCT / 5-wire resistive			4pt PCT / 5-wire resistive		
Dimension (W x H x D, mm)			438.2 x 335 x 63			470 x 390 x 67.1			521.4 x 434.4 x 67.1		
Weight (kg)			9			10			11		
I/O port's position			Rear			Rear			Rear		
OSD Controller			Yes (rear)			Yes (rear)			Yes (rear)		

Highlights

OSD controller
default & located in rear side



SA / HA / DA / LA / TA / UA / EA / VA Series



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