

# 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

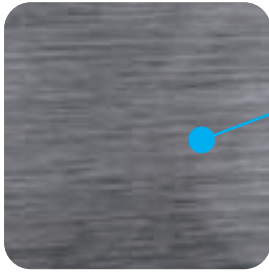
**Relative Humidity** 0% ~ 95% non-condensing

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

**Installation** VESA mount 100 x 100 mm

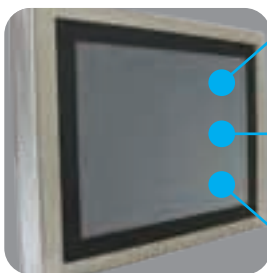
Model Name	12V	TA-ZJL15QF (4pt PCT) TA-ZJL15RF (resistive)	TA-ZJL17QF (4pt PCT) TA-ZJL17RF (resistive)	TA-ZJL19QF (4pt PCT) TA-ZJL19RF (resistive)	TA-ZJD21QF (4pt PCT) TA-ZJD21ZF (10pt PCT)
	19~36V	TA-ZJL15QW (4pt PCT) TA-ZJL15RW (resistive)	TA-ZJL17QW (4pt PCT) TA-ZJL17RW (resistive)	TA-ZJL19QW (4pt 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 <sup>2</sup> )	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



Hairy brushed finish  
to deliver an aesthetic appearance

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



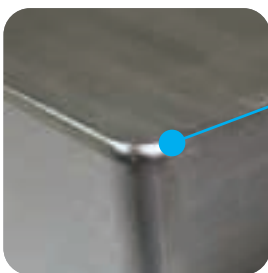
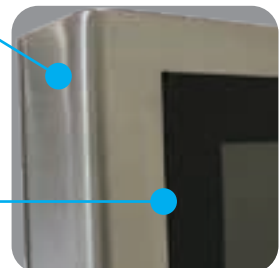
7H hardness anti-scratch panel surface  
to avoid touch function failure due to scratch

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

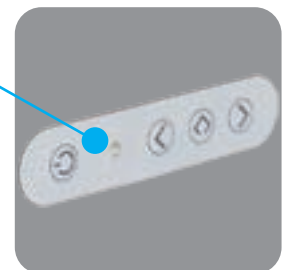
IP65 compliant 6-sided sealed stainless steel chassis  
to prevent liquid / dust from getting into the housing and  
to resist acid- / alkali-based cleaning agents from corroding the device

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



Smooth chamfer corner

OSD controller  
default & located in rear side



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