



ZHM-UAS Series: Android & Linux Full IP65 Seamless Single Touch Fanless HMI

360° protection against intrusion of dust, water, oil, or corrosive materials



Features

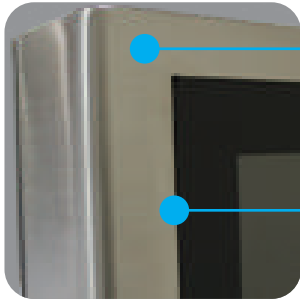
- IP65 compliant 6-sided stainless steel chassis
- IP65 waterproof stainless steel connectors
- IP65 rated external power adapter (alternative)

Specially suitable for dusty / humid / oily / corrosive industrial environments



ZHM-UAS Series

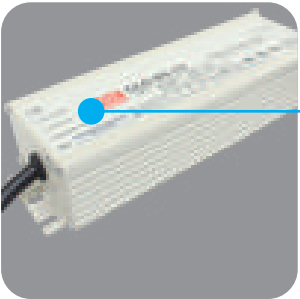
Android & Linux Full IP65 Saemless Single Touch Fanless HMIs



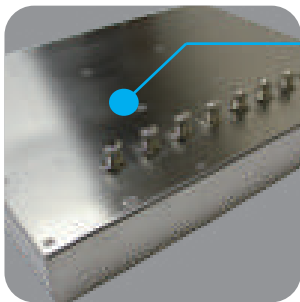
- IP65 compliant 6-sided sealed stainless steel chassis
to prevent liquid / dust from getting into the housing and to resist acid- / alkali-based cleaning agents from corroding the device
- Seamless flat-bezel design between chassis and panel
to decrease water / dust accumulation and to facilitate cleaning / maintenance



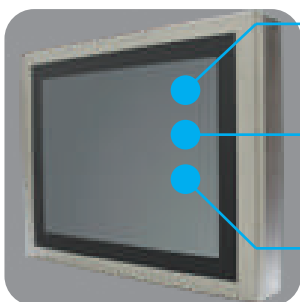
- IP65 waterproof stainless steel connectors
to prevent liquid from getting into the housing via the cable entry points



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



- No external heat sink



- 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 5-wire resistive single touch panel

ZHM-UAS Series (Cortex-A9™ iMX6)



-  CPU Performance 
-  Energy Efficiency 
-  Touch Function 
-  Dissipation Design Fanless, No external heat sink
-  Waterproof Design IP65 chassis, IP65 connectors, IP65 power adapter (alternative)
-  Housing Design Stainless steel

CPU	Freescle ARM Cortex-A9™ iMX6 Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
Power Supply	DC in 12V external power adapter / Full IP65 DC in power adapter
I/O Ports (Default)	2 x RS232, 1 x GLAN, 3 x USB
Storage	4GB eMMC ; MicroSD (SDXC) x1
Operation Temperature	0°C ~ 45°C
Storage Temperature	-30°C ~ 85°C
Relative Humidity	20% ~ 90% non-condensing
OS Support	Android 4.4
Installation	VESA mounting 100 x 100 mm

Model Name		ZHM-UAS30-015A1	ZHM-UAS30-017A1	ZHM-UAS30-019A1
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/m2)	400	350	250
	Contrast Ratio	700:1	1000:1	1000:1
	Viewing Angle (H/V°)	160/160	140/170	170/160
	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)		438.2 x 335 x 63	470 x 390 x 67.1	521.4 x 434.4 x 67.1
Weight (kg)		11	15	16
I/O Port's Location		Bottom	Rear	Rear



Inspiring a reliable solution



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