

# ASEM 6300MA Series

The evolution of on-machine fanless monitors with configurable button area



RVL  100m **OPTIONAL**

- VESA 75/100 mounting
- Available in landscape and portrait version
- Powder coated die-cast aluminum chassis with anti-scratch treatment
- 15.6", 18.5", 21.5" and 24" TFT LCDs in wide aspect ratio for landscape version with or without button area
- 21.5" and 24" TFT LCDs in wide aspect ratio for portrait version with button area
- Full HD resolution
- Multitouch projected capacitive touchscreen available on front panels with minimized aluminum frame and glass
- Analog single-touch touchscreen available on front panels with minimized aluminum frame (landscape version only)
- Full IP65 ingress protection
- Available with configurable Button Area for the installation of Ø22 hard-wired elements
- Available with RVL technology for long distance connection of the DVI-D and USB 2.0 signals up to 100m (optional)



**Allen-Bradley**

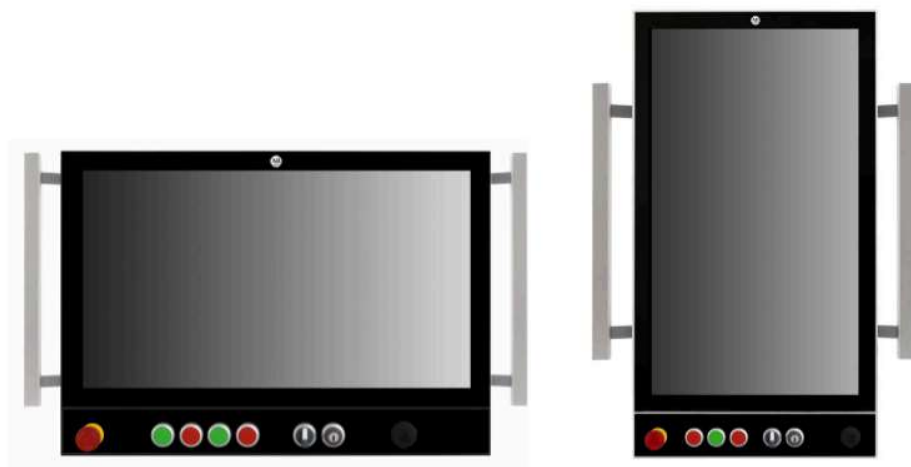
by ROCKWELL AUTOMATION

## ASEM 6300MA Series

### Optional accessories

#### Side handles

All configurations have two anodized aluminum side handles pre-installed to facilitate the system's positioning. They can be replaced in the field with perimeter handles. Spare side handles are available should replacement be necessary.



#### Perimeter handle

An optional anodized aluminum perimeter handle is available to facilitate the system's positioning and to protect the operator from accidental impacts.



#### Keyboard holder kit

A optional keyboard holder kit is available in aluminum painted RAL 9006 for the permanent installation of a keyboard and/or mouse at customer's choice. Keyboard holder cannot be installed with perimeter handle.



# ASEM 6300MA Series

## Button area

### Highlights

- Customers can choose any of five pre-configured button areas, and if desired, install additional elements
- Frontally accessible for subsequent configuration changes and/or additions
- Hard-wired connection mode
- The number of elements that can be installed depends on the size of the display: up to 13 elements can be installed in the landscape version and up to 8 elements can be installed in the portrait version with 24" LCD (of which maximum 8 with hard-wired connection)
- The SIL3 E-stop push button has a separate hard-wired connection
- Elements wiring is brought to two terminal blocks, accessible from the rear



## IP65 Ø22 elements

All accessories are optional and can be purchased and substituted, or added in the field. Catalog numbers with "PU" are dedicated for USB elements, including Ethernet, RFID, USB, encoder and buzzer, and those with "PC" are dedicated for pushbuttons, LED indicators and selector elements.



### LED indicators

- Available in 5 colors (red, yellow, green, blue, white)



### Push buttons

- Opaque version available in 2 colors (gray and black)
- Translucent version available in 5 colors (red, yellow, green, blue, white)
- Also with customizable insert



### Emergency stop push button SIL3

- With rotating or pulling unlock movement, with or without LED



### Rotary selectors switches

- With key
- Keyless LED illuminated
- With 1 (90°) or 2 (±40°, ±60°) positions (momentary or latching)



### Additional interfaces

- Gigabit Ethernet (RJ45)
- Transponder RFID reader/writer LF (125 kHz) and HF (13,56 MHz)
- USB 2.0 (Type-A)
- Knob with incremental encoder
- Buzzer



### Elements for management of ATX mode

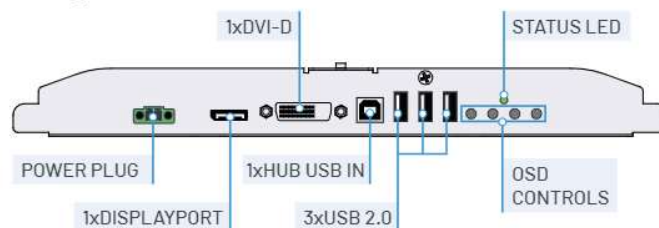
- Opaque version
- Translucent version
- With key



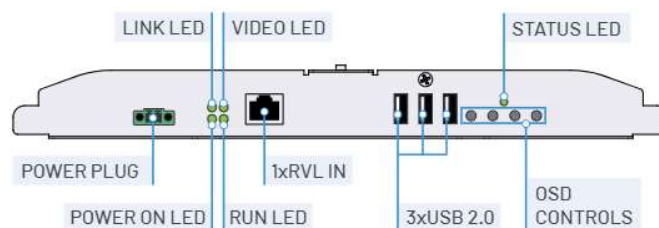
## ASEM 6300MA Series

### I/O shield and add-on boards

Without RVL technology



With RVL technology



### Versions



6300MA-xxxACxxF  
6300MA-xxxCCxxF



6300MA-xxxAAxxF  
6300MA-xxxCAxxF



6300MA-xxxBCxxF  
6300MA-xxxDCxxF



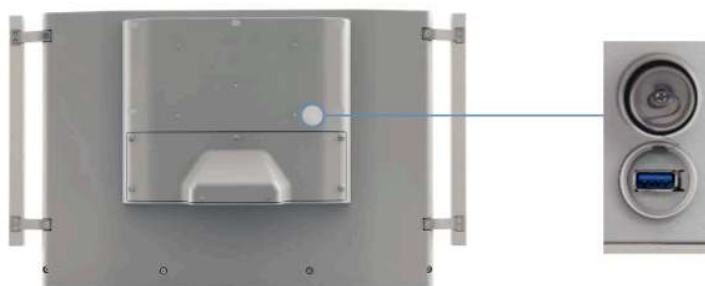
6300MA-xxxBAxxF  
6300MA-xxxDAxxF



6300MA-xxxBCxxP  
6300MA-xxxDCxxP

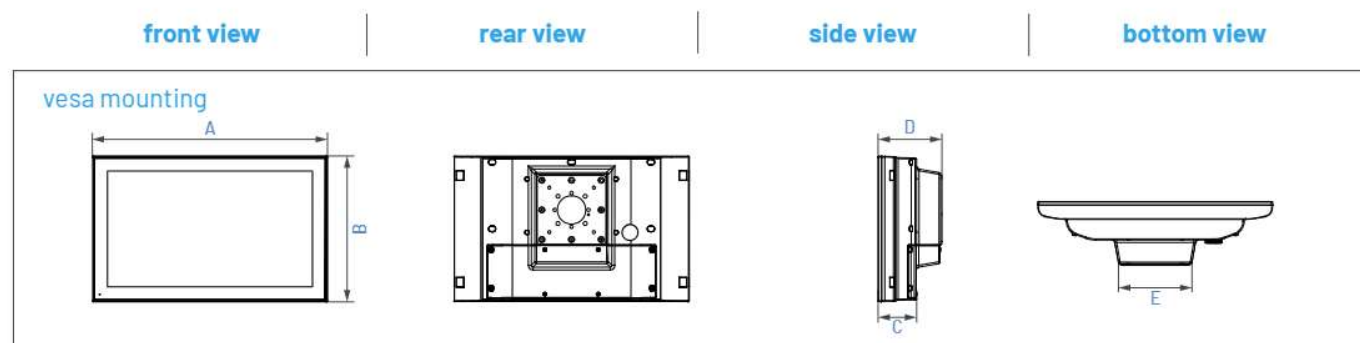
### Detail - USB 2.0

Rear Access USB 2.0 (Type-A) with protection cap



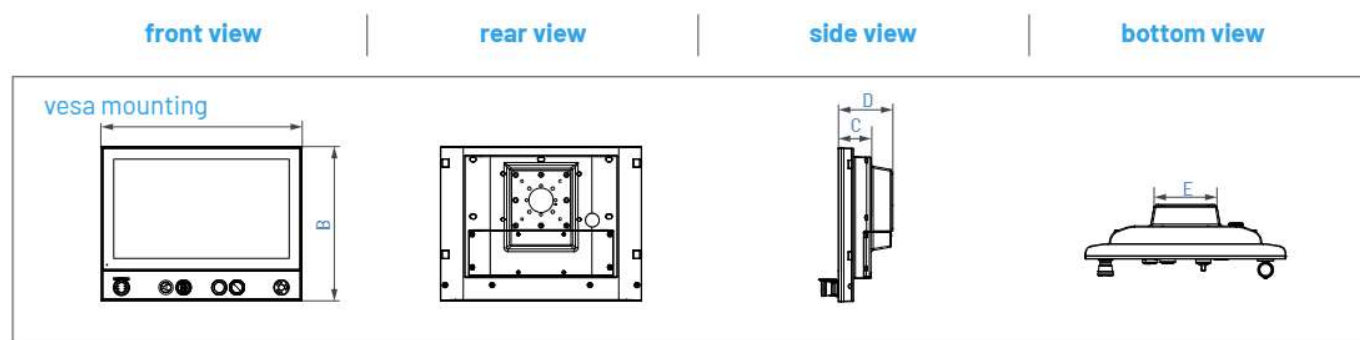
## ASEM 6300MA Series

### Dimensions (ASEM 6300MA-xxxAxxxF)



LCD	A	B	C	D	E	F (WITH PERIMETER HANDLE OR SLIDE HANDLES)	G (ONLY WITH PERIMETER HANDLE)	H (ONLY WITH PERIMETER HANDLE) (ALU/TFM)	I (ONLY WITH KEYBOARD HOLDER KIT)
15.6"W VESA	396.3 mm 15.6 in.	245.8 mm 9.68 in.	65 mm 2.56 in.	108 mm 4.25 in.	123.9 mm 4.88 in.	487 mm 19.17 in.	291.3 mm 11.47 in.	114/114 mm 4.49 in.	190 mm 7.48 in.
18.5"W VESA	461.8 mm 18.18 in.	282.6 mm 11.13 in.	71 mm 2.8 in.	113 mm 4.45 in.	123.9 mm 4.88 in.	552.5 mm 21.75 in.	328 mm 12.91 in.	120/119 mm 4.69 in.	184 mm 7.24 in.
21.5"W VESA	528.8 mm 20.82 in.	320.2 mm 12.61 in.	75 mm 2.95 in.	117 mm 4.61 in.	123.9 mm 4.88 in.	619.5 mm 24.39 in.	366 mm 14.41 in.	124/123 mm 4.84 in.	180 mm 7.09 in.
24"W VESA	585.2 mm 23.04 in.	352.8 mm 13.89 in.	75 mm 2.95 in.	117 mm 4.61 in.	123.9 mm 4.88 in.	675.9 mm 26.61 in.	398 mm 15.67 in.	124/123 mm 4.84 in.	180 mm 7.09 in.

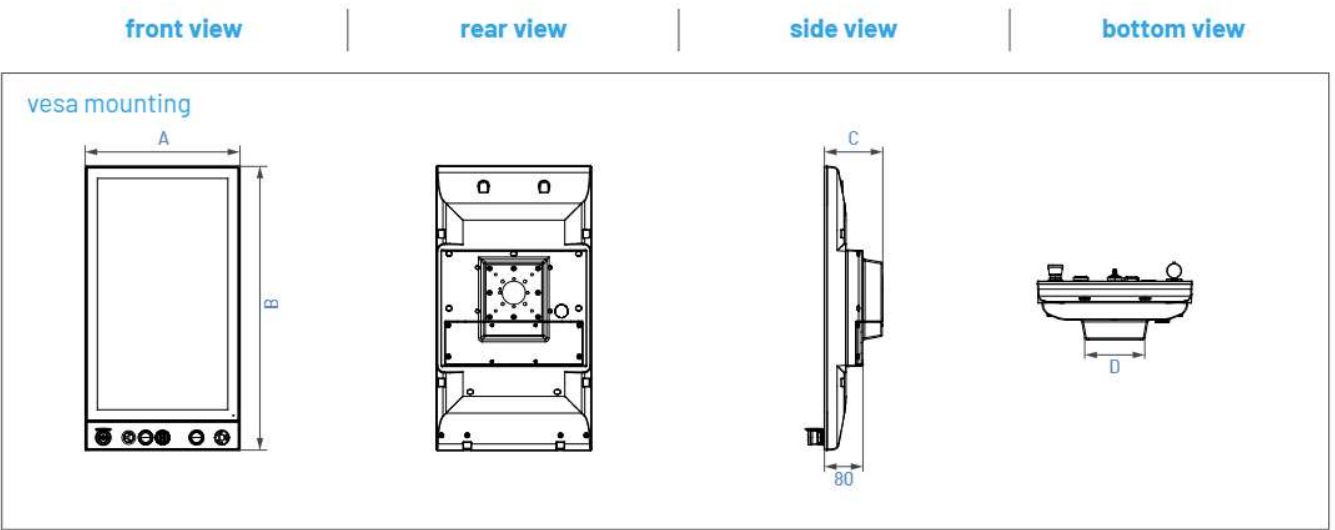
### Dimensions (ASEM 6300MA-xxxBxxxF)



LCD	A	B	C	D	E	F (WITH PERIMETER HANDLE OR SIDE HANDLES)	G (ONLY WITH PERIMETER HANDLE)	H (ONLY WITH PERIMETER HANDLE)	I (ONLY WITH KEYBOARD HOLDER KIT)
15.6"W VESA	396.3 mm 15.6 in.	304.3 mm 11.98 in.	65 mm 2.56 in.	107 mm 4.21 in.	123.9 mm 4.88 in.	487 mm 19.17 in.	350 mm 13.78 in.	114 mm 4.49 in.	190 mm 7.48 in.
18.5"W VESA	461.8 mm 18.18 in.	341 mm 13.43 in.	71 mm 2.8 in.	113 mm 4.45 in.	123.9 mm 4.88 in.	552.5 mm 21.75 in.	384 mm 15.12 in.	119 mm 4.69 in.	184 mm 7.24 in.
21.5"W VESA	528.8 mm 20.82 in.	378.7 mm 14.91 in.	75 mm 2.95 in.	117 mm 4.61 in.	123.9 mm 4.88 in.	619.5 mm 24.39 in.	424 mm 16.69 in.	123 mm 4.84 in.	180 mm 7.09 in.
24"W VESA	585.2 mm 23.04 in.	411.3 mm 16.19 in.	75 mm 2.95 in.	117 mm 4.61 in.	123.9 mm 4.88 in.	676 mm 26.61 in.	456 mm 17.95 in.	123 mm 4.84 in.	180 mm 7.09 in.

ASEM 6300MA Series

Dimensions (ASEM 6300zmA-xxxBxxxP)



LCD	A	B	C	D	E (WITH PERIMETER HANDLE OR SIDE HANDLES)	F (ONLY WITH PERIMETER HANDLE)	G (ONLY WITH PERIMETER HANDLE)	H (ONLY WITH KEYBOARD HOLDER KIT)
21.5"W VESA	320 mm 12.6 in.	587 mm 23.11 in.	121 mm 4.76 in.	124 mm 4.88 in.	410 mm 16.14 in.	218 mm 8.58 in.	127 mm 5 in.	133 mm 5.24 in.
24"W VESA	353 mm 13.9 in.	644 mm 25.35 in.	121 mm 4.76 in.	124 mm 4.88 in.	443 mm 17.44 in.	246.5 mm 9.7 in.	127 mm 5 in.	132 mm 5.2 in.

# ASEM 6300MA Series

## Technical data

	6300MA-xxxBAxxF 6300MA-xxxDAxxF	6300MA-xxxBCxxF 6300MA-xxxDCxxF	6300MA-xxxAAxxF 6300MA-xxxCAxxF	6300MA-xxxACxxF 6300MA-xxxCCxxF	6300MA-xxxBCxxP 6300MA-xxxDCxxP
LED BACKLIGHT TFT LCD	15.6" W - 1920x1080 18.5" W - 1920x1080 21.5" W - 1920x1080 24" W - 1920x1080				21.5" W - 1920x1080 24" W - 1920x1080
ORIENTATION	Landscape				Portrait
TOUCHSCREEN	Resistive 5 wires	P-CAP multitouch	Resistive 5 wires	P-CAP multitouch	P-CAP multitouch
FRONT PANEL	Aluminum	Glass	Aluminum	Glass	Glass
PROTECTION GRADE	IP rating	Full IP65			
	NEMA rating	UL Type 1, 4x (indoor only)		UL Type 1, 4x (indoor only) and 12  UL Type 1, 4x (indoor only)	
CASE	Installation	VESA 75/100 or pole/suspension arm mounting system compatible with RITTAL CP40/ROLEC TARAPLUS/HASEKE ULT KUPPLUNG 48			
	Material	Aluminum alloy AN AB46400			
	Color	Anti-scratchable painted - RAL 9006			
	Accessories	Side handles, perimetral handle, keyboard holder kit			
BUTTON AREA (optional)	See dedicated section		-		See dedicated section
VIDEO INPUT	1x DisplayPort 1x DVI-D				
	6300MA-xxxCx 6300MA-xxxDx	1x RJ45 connector for remotation of DVI-D <sup>1</sup>			
USB INPUT	1x USB 2.0 HUB input (Type-B)				
	6300MA-xxxCx 6300MA-xxxDx	1x RJ45 connector for remotation of USB 2.0 <sup>1</sup>			
USB OUTPUT	3x USB 2.0 (Type-A)				
	Rear access	1x USB 2.0 (Type-A) with protection cap			
POWER SUPPLY INPUT	24V DC (18V...32V DC) isolated				
OPERATING TEMPERATURE	0°...+50 °C				
STORAGE TEMPERATURE	-5°...+60 °C				
OPERATION/STORAGE RELATIVE HUMIDITY	20%...90% RH (non-condensing)				
APPROVALS	CE RoHS UKCA cULus Listed RCM				

1. The same RJ45 connector is used for remotation of DVI-D and USB 2.0 signals



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Publication 6300MA-PP001A-EN-P - May 2024

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