

MK200 SERIES

Arm/VESA mounting industrial monitors



HIGHLIGHTS

- VESA 75/100 or top/bottom arm 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 (MK200 and MK200-BA)
- 21,5" and 24" TFT LCDs in Wide aspect ratio for portrait version (MK200P-BA)
- Resolution up to Full HD
- Front panels with minimized aluminum (ALU) frame with resistive touchscreen (landscape version only)
- Front panels with minimized aluminum and glass True Flat (TFM) frame with multitouch projected capacitive touchscreen
- Full IP65 protection grade
- Video input: 1x DVI-D and 1x DisplayPort
- Available with configurable Button Area for the installation of Ø22 hard-wired elements (MK200-BA-TFM and MK200P-BA-TFM)
- Available in RVL version (MKR version) for the remotation of the DVI-D and USB 2.0 signals up to 100m

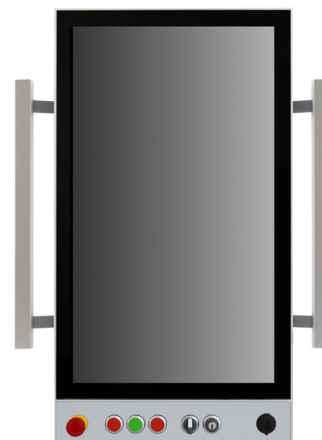
RVL  100m  OPTIONAL



ACCESSORIES

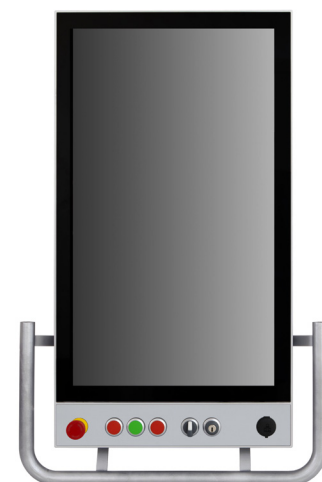
SIDE HANDLES

A kit of two anodized aluminum side handles is available to facilitate the system's positioning



PERIMETRAL HANDLE

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



KEYBOARD HOLDER KIT

A keyboard holder kit is available in aluminum painted RAL 9006 for the permanent installation of a keyboard and/or mouse at customer's choice



BUTTON AREA

HIGHLIGHTS

- Fully configurable according to customer specifications
- 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



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



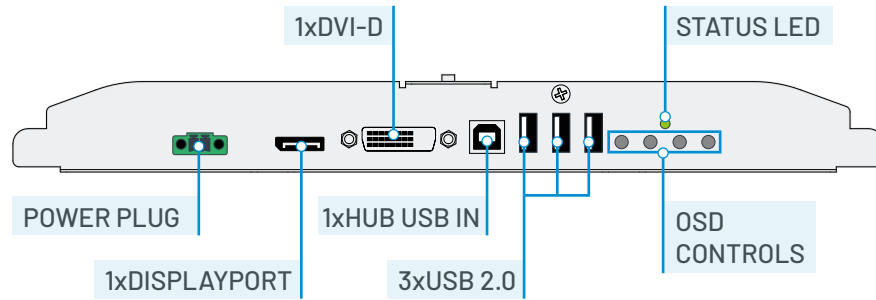
ELEMENTS FOR MANAGEMENT OF ATX MODE

- opaque version
- translucent version
- with key

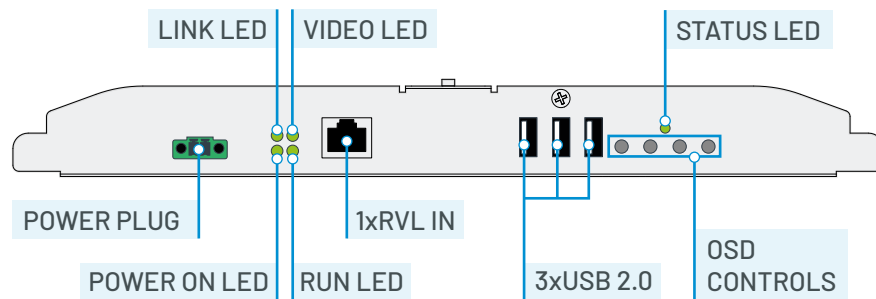
MK200 SERIES

I/O SHIELD

MK systems (w/o RVL technology)

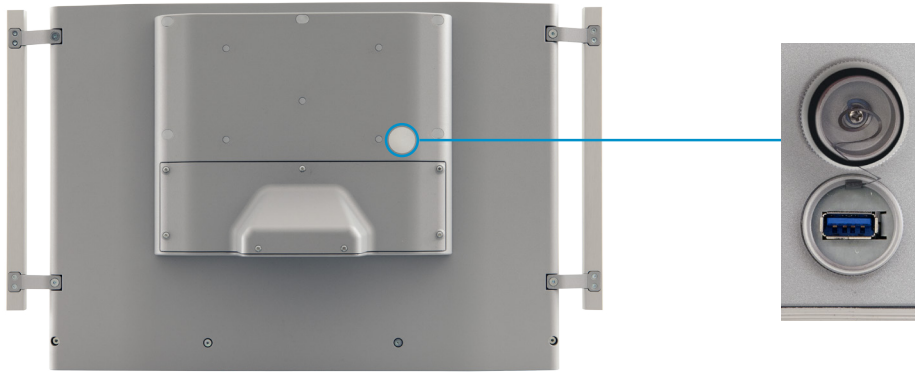


MKR systems (w/ RVL technology)



DETAIL - USB 2.0

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



VERSIONS



MK200-TFM



MK200-BA-TFM



MK200-ALU



MK200-BA-ALU



MK200P-BA-TFM

MK200 SERIES

DIMENSIONS (MK200 - ALU/TFM)

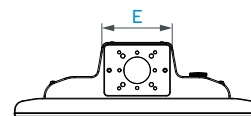
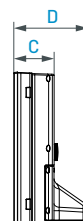
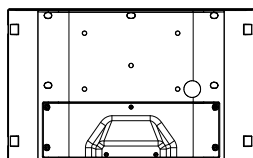
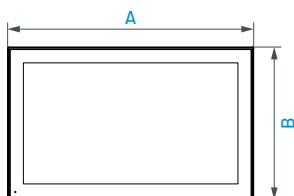
FRONT VIEW

REAR VIEW

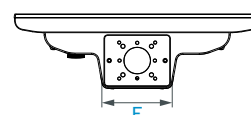
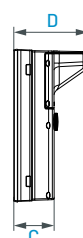
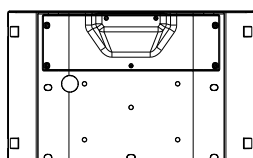
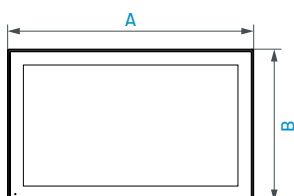
SIDE VIEW

BOTTOM VIEW

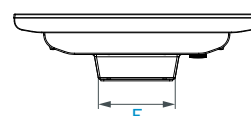
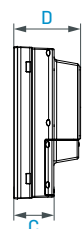
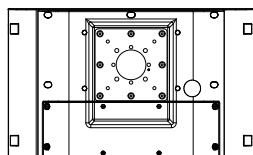
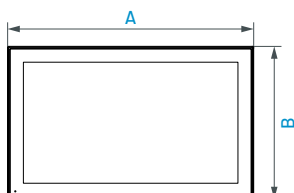
BOTTOM ARM MOUNTING



TOP ARM MOUNTING



VESA MOUNTING



LCD	A	B	C	D (ALU/ TFM)	E	F (WITH PERIME- TRAL HANDLE OR SIDE HAND- LES)	G (ONLY WITH PERIMETRAL HANDLE)	H (ONLY WITH PERIMETRAL HANDLE) (ALU/TFM)	I (ONLY WITH KEYBOARD HOLDER KIT)
15,6"W TOP/BOTTOM	396,3	245,8	65	120/120	113,4	487	291,3	126/126	190
15,6"W VESA	396,3	245,8	65	108/108	123,9	487	291,3	114/114	190
18,5"W TOP/BOTTOM	461,8	282,6	71	126/126	113,4	552,5	328	132/132	184
18,5"W VESA	461,8	282,6	71	114/113	123,9	552,5	328	120/119	184
21,5"W TOP/BOTTOM	528,8	320,2	75	130/130	113,4	619,5	366	136/136	180
21,5"W VESA	528,8	320,2	75	118/117	123,9	619,5	366	124/123	180
24"W TOP/BOTTOM	585,2	352,8	75	130/130	113,4	675,9	398	136/136	180
24"W VESA	585,2	352,8	75	118/117	123,9	675,9	398	124/123	180

DIMENSIONS WITH ACCESORIES (MK200 - **ALU/TFM**)

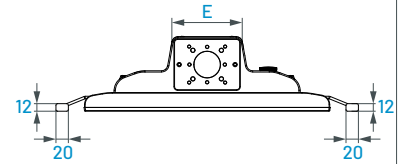
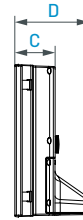
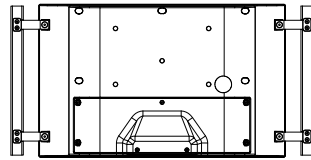
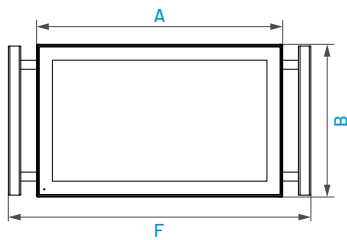
FRONT VIEW

REAR VIEW

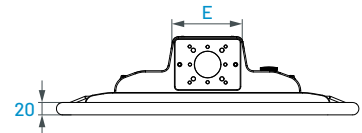
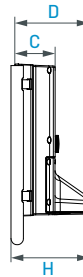
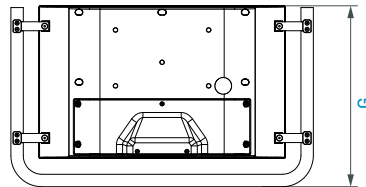
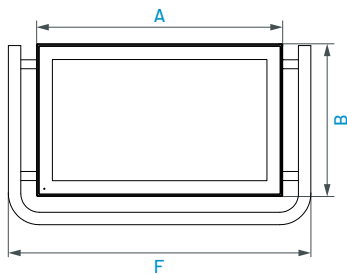
SIDE VIEW

BOTTOM VIEW

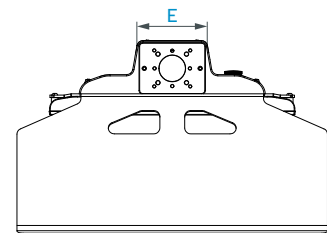
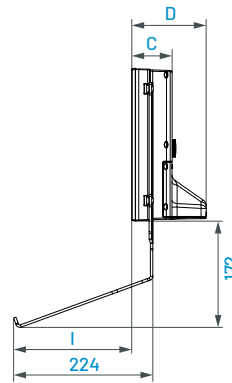
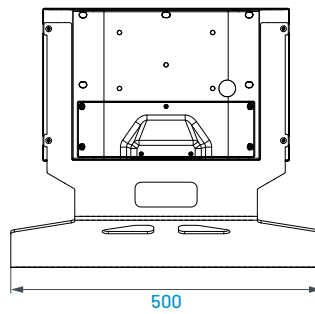
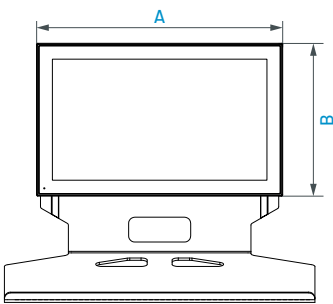
BOTTOM ARM MOUNTING - with side handles



TOP ARM MOUNTING - with perimetral handle



BOTTOM ARM MOUNTING - with keyboard holder kit



MK200 SERIES

DIMENSIONS (MK200-BA - ALU/TFM)

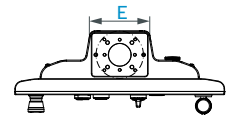
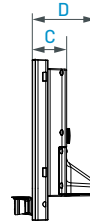
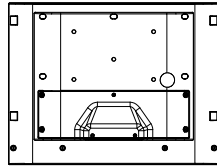
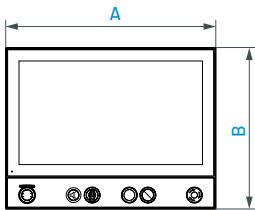
FRONT VIEW

REAR VIEW

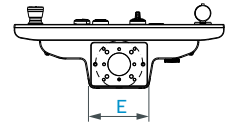
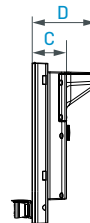
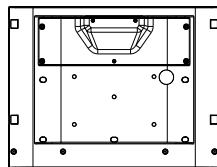
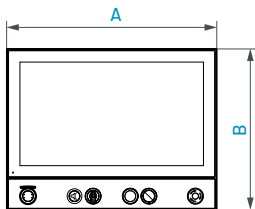
SIDE VIEW

BOTTOM VIEW

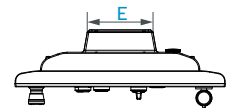
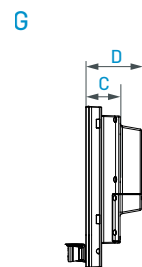
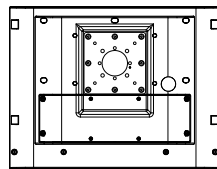
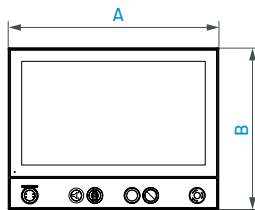
BOTTOM ARM MOUNTING



TOP ARM MOUNTING



VESA MOUNTING



LCD	A	B	C	D	E	F (WITH PERIMETRAL OR SIDE HAND- LES)	G (ONLY WITH PERIMETRAL HANDLE) (ALU/TFM)	H (ONLY WITH PERIMETRAL HANDLE) (ALU/TFM)	I (ONLY WITH KEYBOARD HOLDER KIT)
15,6"W TOP/BOTTOM	396,3	304,3	65	120	113,4	487	350/350	126/126	190
15,6"W VESA	396,3	304,3	65	107	123,9	487	350/350	114/114	190
18,5"W TOP/BOTTOM	461,8	341	71	126	113,4	552,5	386/384	132/132	184
18,5"W VESA	461,8	341	71	113	123,9	552,5	386/384	120/119	184
21,5"W TOP/BOTTOM	528,8	378,7	75	130	113,4	619,5	424/424	136/136	180
21,5"W VESA	528,8	378,7	75	117	123,9	619,5	424/424	124/123	180
24"W TOP/BOTTOM	585,2	411,3	75	130	113,4	676	456,5/456	136/136	180
24"W VESA	585,2	411,3	75	117	123,9	676	456,5/456	124/123	180

DIMENSIONS WITH ACCESORIES (MK200-BA - ALU/TFM)

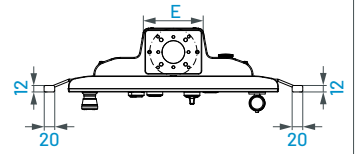
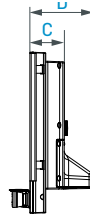
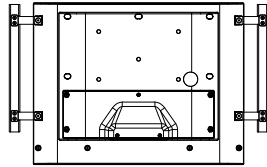
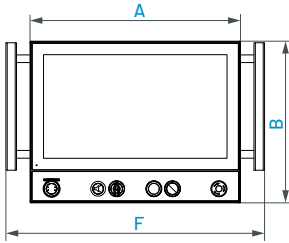
FRONT VIEW

REAR VIEW

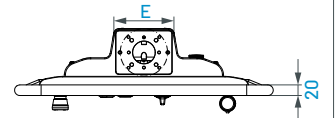
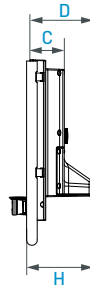
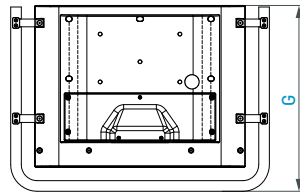
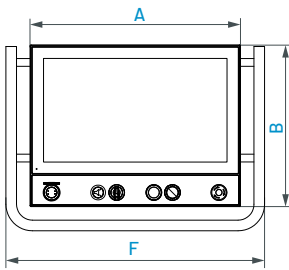
SIDE VIEW

BOTTOM VIEW

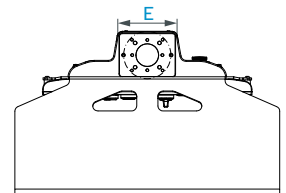
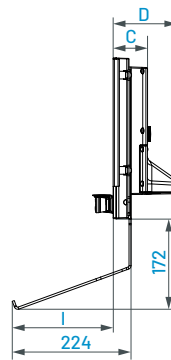
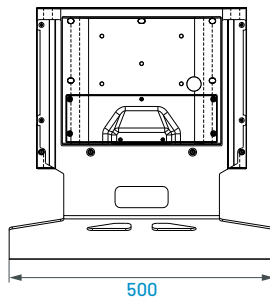
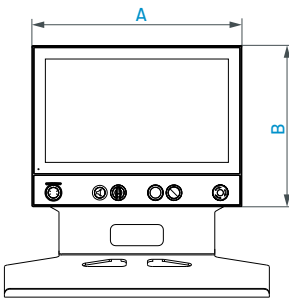
BOTTOM ARM MOUNTING - with side handles



TOP ARM MOUNTING - with perimetral handle



BOTTOM ARM MOUNTING - with keyboard holder kit



MK200 SERIES

DIMENSIONS (MK200P-BA - TFM)

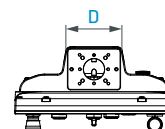
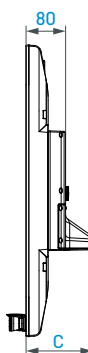
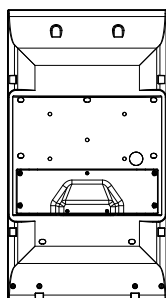
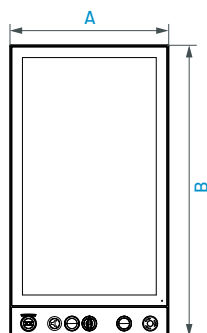
FRONT VIEW

REAR VIEW

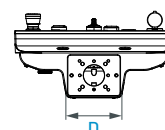
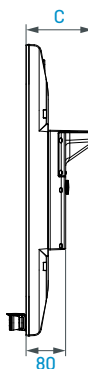
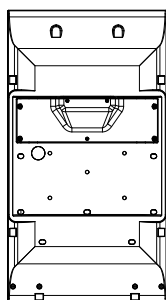
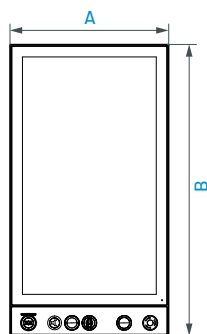
SIDE VIEW

BOTTOM VIEW

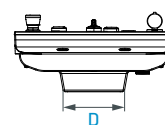
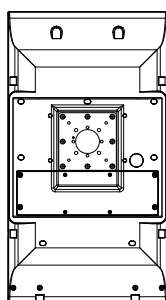
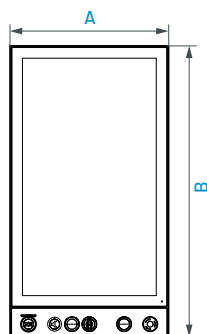
BOTTOM ARM MOUNTING



TOP ARM MOUNTING



VESA MOUNTING



LCD	A	B	C	D	E (WITH PERIMETRAL HANDLE OR SIDE HANDLES)	F (ONLY WITH PERI- METRAL HANDLE)	G (ONLY WITH PERI- METRAL HANDLE)	H (ONLY WITH KEY- BOARD HOLDER KIT)
21,5"W BOTTOM	320	587	136	113,5	410	218	142	133
21,5"W TOP	320	587	136	113,5	410	218	142	133
21,5"W VESA	320	587	121	124	410	218	127	133
24"W BOTTOM	353	644	136	113,5	443	246,5	142	132
24"W TOP	353	644	136	113,5	443	246,5	142	132
24"W VESA	353	644	121	124	443	246,5	127	132

DIMENSIONS WITH ACCESORIES (MK200P-BA - TFM)

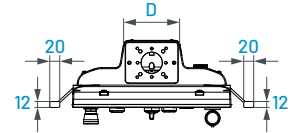
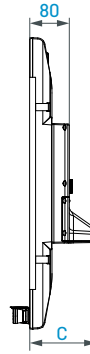
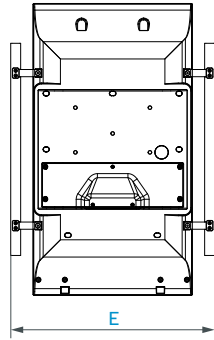
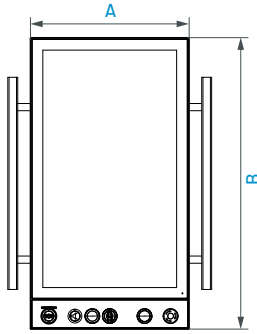
FRONT VIEW

REAR VIEW

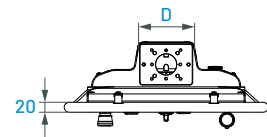
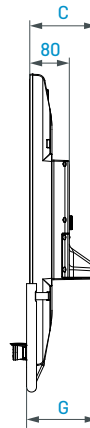
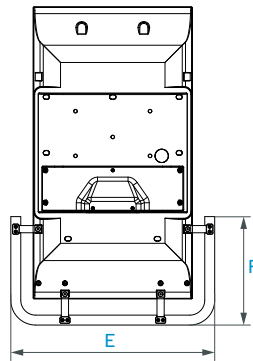
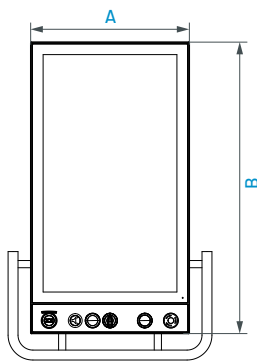
SIDE VIEW

BOTTOM VIEW

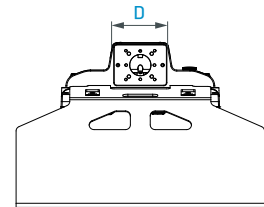
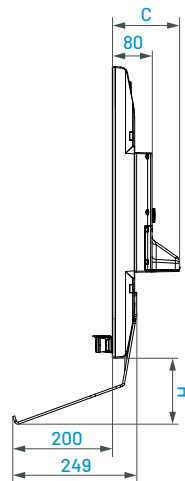
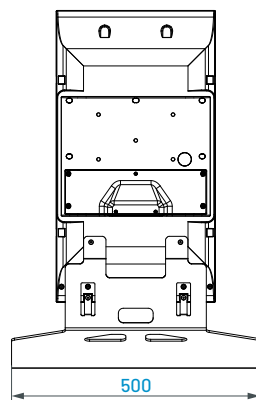
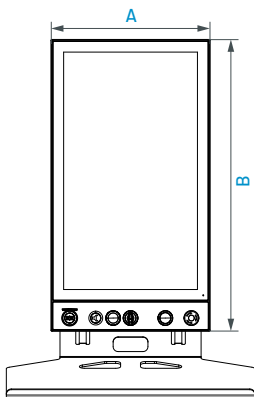
BOTTOM ARM MOUNTING - with side handles



TOP ARM MOUNTING - with perimetral handle



BOTTOM ARM MOUNTING - with keyboard holder kit



TECHNICAL DATA

	MK200-BA-ALU	MK200-BA-TFM	MK200-ALU	MK200-TFM	MK200P-BA-TFM
LED BACKLIGHT TFT LCD	15.6" W - 1366x768 15.6" W - 1920x1080 18.5" W - 1366x768 18.5" W - 1920x1080 21.5" W - 1920x1080 24" W - 1920x1080				21.5" W - 1920x1080 24" W - 1920x1080
ORIENTATION	Landscape				
TOUCHSCREEN	Resistive 5 wires	P-CAP multitouch	Resistive 5 wires	P-CAP multitouch	P-CAP multitouch
FRONT PANEL	Aluminum	True Flat Aluminum	Aluminum	True Flat Aluminum	True Flat Aluminum
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			
	Colour	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				
	Remote version MKR	1x RJ45 connector for remotation of DVI-D1			
USB INPUT	1x USB 2.0 HUB input (Type-B)				
	Remote version MKR	1x RJ45 connector for remotation of USB 2.01			
USB OUTPUT	3x USB 2.0 (Type-A)				
	Rear access	1x USB 2.0 (Type-A) with protection cap			
POWER SUPPLY INPUT	24VDC (18÷32VDC) 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				

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