



The versatile and cost-efficient operating solution

Bosch mPad

Optimise your machine operation with the Bosch mPad. This versatile handheld operating device offers a wide range of possible applications, from central control panels to process-related additional operating devices for optimum machine control.

The Bosch mPad is the versatile and cost-effective operating solution that integrates seamlessly into your machines and systems and offers a wide range of possible applications. Whether as a central control panel, a cost-effective passive operating unit for SoftPLC systems, an active operating unit for small control systems or as an additional operating device for process-related set up of large installations - the mPad increases efficiency and reduces costs at the same time. With the integrated confirm button, functions can also be executed with bridged safety devices, which increases flexibility. The active version boasts an Intel® Atom™ processor and Ethernet connection, while the passive version is a cost-effective alternative as a handheld operating device with display and DVI/USB interface. Available in active and passive versions, optionally with camera or connector versions, the Bosch mPad offers the ideal solution for more efficient, safer and more cost-effective machine operation.



Your benefits at a glance

- Simple project planning, procurement and assembly
- Process-related operation and monitoring
- No mechanical dependencies on the machine
- Variable areas of application
- Option of stationary operation
- Control-independent



[Nexeed Automation](https://www.nexeed-automation.com)

Technical Data

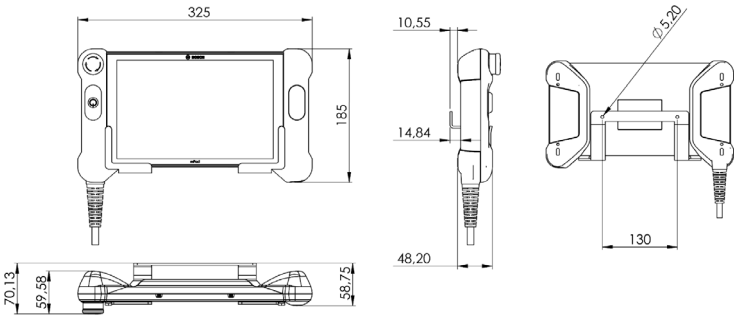
Model	Passive mPad 2	Active mPad 2	Active mPad 3
			
General characteristic			
Operating method	Capacitive touchscreen, multi-touch, wired		
Display	Passive display (DVI, USB), 10,1 inch, 1280 × 800 pixels	Active display, 10,1 inch 1280 × 800 pixels	
Processor	—	Intel® Atom™ N6200 2 × 1.6 GHz	PICO52R board with Intel® Celeron® processor 4305UE
Operating system	—	MS Windows 10 IoT LTSC (2019), 64bit	
Type of protection	IP54 with USB protective cap		
Power supply	24 VDC, SELV/PELV, EN 61131		
Dimensions W×H×D	325 × 185 × 59.58 mm	325 × 185 × 59.60 mm	
Button	Emergency stop button, 3-stage confirm button	Emergency stop button, 3-stage confirm button, on/off button	
Connections	Single wires + DVI, USB, ring cable lug (grounding)	Single wires + Ethernet	
Connection cable	5.5 m		
Cooling	—		External fan
Weight	1250 g	1450 g	1570 g
Ambient conditions			
Work environment	Industry		
Working temperature	+5°C to +40°C		
Humidity	10–95% non-condensing, EN 61131-2		
Standards and approvals			
EMC	CE class A		
Conformity with the Machinery Directive	EN 61000-6-4, EN 61000-6-2, EN IEC 63000, EN ISO 13849-1, EN ISO 13850		

Optionally available in the following versions:

Model	Passive mPad 2	Active mPad 2	Active mPad 3
			
Versions			
	—	Integrated camera 5.04-megapixel CMOS co- lour camera mounted on the rear panel	—
	—	Connector mating cycles ≥ 500	

Dimension drawing

Active and passive mPad 2



Active mPad 3

