

	VIA MAESTRI DEL LAVORO,30 (ZONA INDUSTRIALE) 56021 CASCINA (PI) ITALY CAPITALE SOCIALE 100.000,00 € C.F. E P.I. 01252870504	 +39 050 711131  +39 050 711472  isacsrl@isacsrl.it  http://www.isacsrl.it/
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HMI2518001, HMI2518002

Monitor multi-touch full-HD 18.5”

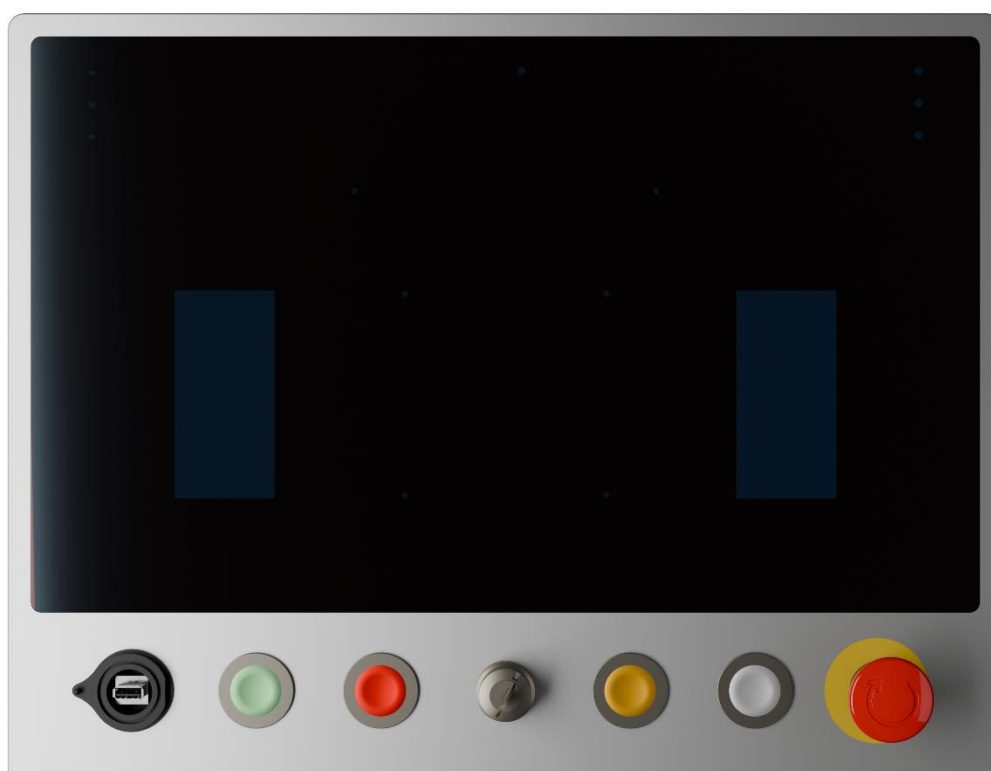
Reduced Data sheet

Version: 2

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Overview



HMI2518001 is a multi-touch screen with FULL-HD resolution and dimension 18.5” including six mechanical operators.

HMI2518002 is a multi-touch screen with FULL-HD resolution and dimension 18.5” without mechanical operators.

Both fit all ISAC central units with HDMI video interface, and can be coupled with UNCNCTL110, UNCNCML110, UNCNCXL110, UNCNCXL110 to be transformed into a central unit with integrated HMI.

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Part Number

Code

Code	Description
HMI2518001	HMI multi-touch 18.5" full HD wide screen w/ electromechanical operators, HDMI interface, 3 USB ports
HMI2518002	HMI multi-touch 18.5" full HD wide screen, HDMI interface, 3 USB ports

Product status

Item	Value
Status	In production
In production since:	Feb. 2026

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Technical data summary

Description	Parameters
General Data	
Nominal Power supply	24Vdc.
Operating temperature	0 .. +45 °C
Storage temperature	-20 ... +70 °C
Weight	5.0 Kg
Protection	IP65 (front panel)
Video Data	
Diagonal Size	18.5"
Resolution	1920x1080 pixel (Full-HD)
Color Depth	24bit (16.7M colors)
Touch Function	Projected capacitive multi-touch
Optical Data	
Horizontal viewing angle	+/- 89° (left and right relative to the normal line to the display surface)
Vertical viewing angle	+/- 89° (up and down relative to the normal line to the display surface)
White luminance	350 cd/m2

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Contrast Ratio	1000
Backlight	LED
Backlight lifetime (MTBF)	> 50.000 Hrs
Port Connections	
Power	2x Removable terminal block (rear side)
Video	HDMI 2.0 socket (rear side)
USB	Host USB 2.0 type-C socket (rear side) 2x Device USB 2.0 type-A socket (rear side) 1x Device USB 2.0 type-A socket (front side)
Mechanical operators (only HMI2518001)	
Emergency stop	1x Illuminated mushroom
Pushbutton	4x Illuminated pushbuttons
Key selector	1x Illuminated key selector switch 2 positions

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Certifications

Certification	Description
CE	EU Declaration of Conformity: EMC Directive 2014/30/UE Standards used: EN 61000-6-2:2019 EN 61000-6-4:2019
RoHS	Declaration of Conformity: RoHS Directive 2011/65/EU
Origin	Italy
CRA	Yes (no digital elements included)

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Layout and dimension

Front Panel		Rear Frame	
Height	370,0 mm	Height	350 mm
Width	480,0 mm	Width	440 mm
Thickness	8 mm (operators excluded)	Depth	35 mm (wiring excluded)

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Reference documents

Full technical data sheet: TDU2005_HMI2518001_EN