

Technical Features **CONECTABLE PANEL PC 12Vdc**

MODEL TYPE	PanelPC HDMI 10.1" Datasheet
Rated Power	24 W
I max.	2 A
Connections	HDMI, uUSB and 12 Vdc (2 A) Input power supply (Power Supply included)
Extras	6 x staples and a rubber to fix it inside the hole. The support wall should has, at maximum, 10mm of thickness.
IP Protection	IP65: if you want to provide this protection to the front side, there is an o-ring accessory that can be acquired apart

General Features

Power supply voltage	DC power supply	12 Vdc
Operating voltage range	DC power supply	11.7 - 13 Vdc
Power consumption	DC power supply	12 W MIN.
External power supply	Power supply voltage	External tranformer 100 - 240Vac (European Plug)
Insulation resistance	20mΩ min.at 500Vdc between the AC terminals and the protective earth terminal.	
Dielectric strength	2.300 VAC at 50/60 Hz for one minute with a leakage current of 10mA max. Between all the external AC terminals and the protective ground terminal.	
Shock resistance	80 m/s <sup>2</sup> in the X, Y and Z direction 2 times each.	
Ambient temperature (operating)	-20°+70°C;	
Ambient humidity (operating)	90% maximum (no condensation)	
Ambient environment (operating)	With no corrosive gas	
Ambient temperature (storage)	-30°+80°C	
Power supply holding time	2 ms min.	
Weight	1130 gr.	

Touch Screen Specifications

Technology	Capacitive, Transmissive
Image Resolution	1280 x 800
Format	16:9
Size	10.1"
Display Technology	TFT Type
Screen Type	IPS Display, TFT Type
Brightness	High Brightness 900 cd/m <sup>2</sup>
Frequency	60 Hz maximum

Screen Configuration Menu

Brightness	Brightness can be adjusted in the Color Menu that can be accessed with the <b>first button</b> located behind the screen
Contrast	Contrast can be adjusted in the Color Menu that can be accessed with the <b>first button</b> located behind the screen
Saturation	Saturation can be adjusted in the Color Menu that can be accessed with the <b>first button</b> located behind the screen
Sound	Sound can be adjusted using the <b>two last buttons</b> located behind the screen
Sleep Mode	The screen can be put in Sleep Mode using the <b>second button</b> located behind the screen. Pressing the button again will wake up the screen
Display Port	The display port can be changed to HDMI or VGA using the <b>middle button</b> located behind the screen Industrial Shields Panel PC does not support VGA connection as VGA port is not connected

Front side

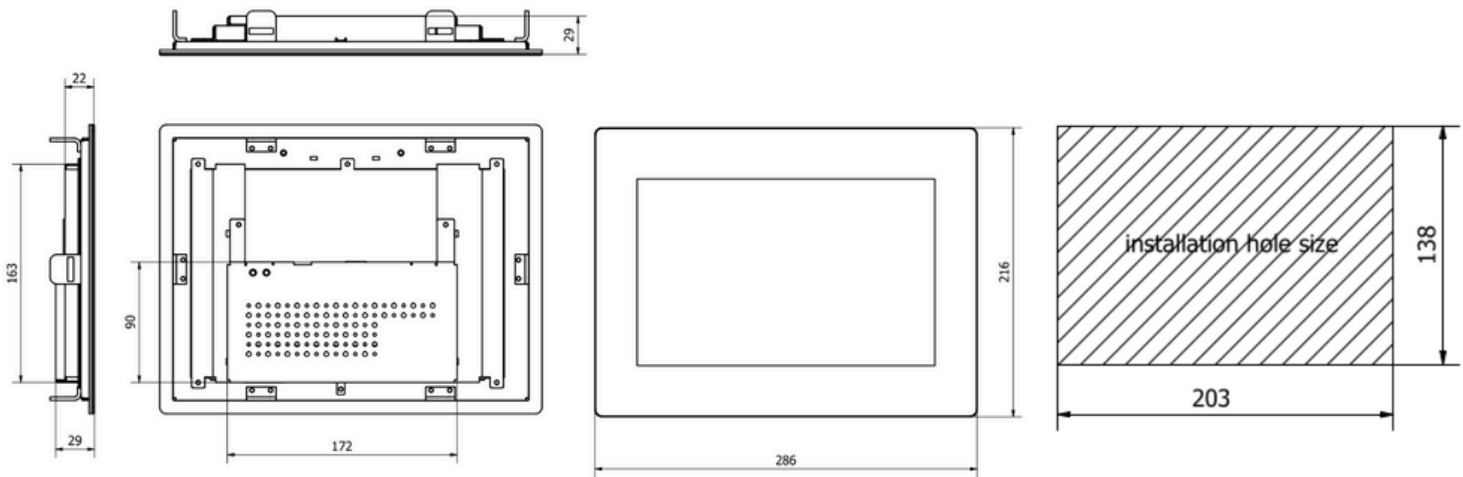


Upper side



Right side





**Warnings**

Unused pins should not be connected. Ignoring the directive may damage the controller.

Before using this product, it is the responsibility of the user to read the product's User Guide and all accompanying documentation.

This Industrial Shields device must be powered with 12Vdc. If a higher voltage is supplied to the equipment can suffer irreversible damage.

Maintenance must be performed by qualified personnel familiarized with the construction, operation, and hazards involved with the control.

Maintenance should be performed with the control out of operation and disconnected from all sources of power.

The Industrial Shields Family PLCs are Open Type Controllers. It is required that you install the Panel PC in a housing, cabinet, or electric control room. Entry to the housing, cabinet, or electric control room should be limited to authorized personnel.

Inside the housing, cabinet or electric control room, the Industrial Shields PLC must be at a minimum distance from the rest of the components of a minimum of 25 cm, it can be severely damaged.

Failure to follow these installation requirements could result in severe personal injury and/or property damage. Always follow these requirements when installing Panel family PCs.

In case of installation or maintenance of the Panel PC please follow the instructions marked in the Installation and Maintenance section on the User Guide.

Do not disconnect equipment when a flammable or combustible atmosphere is present.

Disconnection of equipment when a flammable or combustible atmosphere is present may cause a fire or explosion which could result in death, serious injury and/or property damage.

**Symbology**

	Indicates that the equipment is suitable for direct current only; to identify relevant terminals
	Indicates that the equipment is suitable for alternating current only; to identify relevant terminals
	To identify the control by which a pulse is started.
	To identify an earth (ground) terminal in cases where neither the symbol 5018 nor 5019 is explicitly required.
	To identify the switch by means of which the signal lamp(s) is (are) switched on or off.
	CE marking indicates that a product complies with applicable European Union regulations
	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
	To indicate hazards arising from dangerous voltages

**Technical Support**

You can contact with us using the best channel for you:

[support@industrialshields.com](mailto:support@industrialshields.com)

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