Cam Series

gptecno
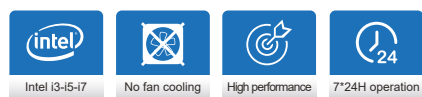Industrial Automation

Customizable HMI Consoles

Cam 1, Cam 2 and Cam 3 are Operator Consoles with cutting-edge and ergonomic designs that can be used in industrial settings or on industrial machines.

They can serve as operator interfaces more generally, for numerical control (CNC), for production control systems (MES), or both (HMIs).

Cam 1 and Cam 2 can be set up with monitor only, or with monitor and integrated PC; Cam 3 is an All-in-One solution.

The operator panel can be completely customized with buttons, switches, lights, encoders, etc. , according to Customer needs.

Features »

- Modern style
- Extremely durable 4mm steel cabinet
- One or two 23.6″ LCD monitors, either with or without a built-in computer (Cam 1, Cam 2)
- One 21.5″ LCD monitor with a built-in computer (Cam 3)
- Quick and simple access inside for connections
- Customizable operator panel
- Integrated keyboard and mouse
- Arm mounting from bottom or top side (Cam 1, Cam 2) or from rear (Cam 3)

intel	No fan cooling	High performance	7*24H operation
Intel i3-i5-i7			24

ISO   CE   RoHS

Product Model »

Product Reference	Built-in PC	LCD Monitor	Operator Panel	Keyboard	Mouse	Dimensions (mm)	Weight (kg)
CAM 1	Optional	1x 24″ - 1920 x 1080	Customized	✔	✔	577 x 649 x 339	23
CAM 2	Optional	2x 24″ - 1920 x 1080	Customized	✔	✔	991 x 577 x 339	36
CAM 3	✔	1x 22″ - 1920 x 1080	Customized	Optional	Optional	485 x 522 x 253	15

CAM 1

CAM 2

CAM 3

Cam Series

Product Specifications »

Integrated PC		Cam 1 | Cam 2	Cam 3
	CPU	Intel Core i5-10210U - Intel Core i7-10710U	Intel Core i5-10210U - Intel Core i7-10510U
	CPU max frequency	4.2GHz for i5; 4.7GHz for i7	4.2GHz for i5; 4.9GHz for i7
	Integrated graphics	Intel HD Graphics 620	Intel Ultra HD Graphics 620
	RAM	DDR4L 2400MHz 4-64GB	DDR4L 2400MHz 4-64GB
	Storage	1x mSATA 128GB up to 1TB	1x mSATA 128GB up to 1TB
	System	Windows 10/11; Linux	Windows 10/11; Linux; Android 9.0/10.0/11.0/12.0
	WIFI	2.4GHz / 5GHz dual bands Optional	2.4GHz / 5GHz dual bands Optional
	Bluetooth	BT4.2 Optional	BT4.2 Optional
LCD and Touch Screen			
	Capacitive Touch	Touch screen type: 10 point touch projection capacitive Light transmittance: ⩾ 90% Response time: <5ms	Touch screen type: 10 point touch projection capacitive Light transmittance: ⩾ 90% Response time: <5ms
	LCD	23.6" Full HD 1920 x 1080 Brightness: 300 cd/m² Contrast Ratio: 3000:1 Viewing angle: 89/89/89/89 (L/R/U/D)	21.5" Full HD 1920 x 1080 Brightness: 300 cd/m² Contrast Ratio: 3000:1 Viewing angle: 89/89/89/89 (L/R/U/D)
Environmental			
	Working Temperature	0 °C ~ 60 °C	0 °C ~ 60 °C
	Storage Temperature	-30 °C ~ 80 °C	-30 °C ~ 80 °C
	Operating Humidity	5% ~ 95% @40°C, non-condensing	5% ~ 95% @40°C, non-condensing
Power parameters and Interfaces			
	Power Input	DC IN 24V	DC IN 9 ~ 36V
	Fuselage Properties	Body material: Steel 40/10, black colour	Body material: Steel 15/10, light blue colour
	Installation Method	Arm mounting from top or bottom	Rear mounting on arm
	USB	2x USB 2.0 or 2x USB 3.0 on right and left sides	1x USB 2.0 or 1x USB 3.0 or 2x USB 2.0 (Optional) on right side
	LCD Interfaces	1x VGA, 1x HDMI (Internal for each LCD)	-
Operator Panel			
	Operators	Schlegel ultra flat RR Series; Totally Customized	Schlegel ultra flat RR Series; Totally Customized
	Connections	Weidmuller S2C/B2CF series	Weidmuller S2C/B2CF series
	Front Panel	Black Back-lacquered 4mm PMMA	Black Back-lacquered 4mm PMMA
	Graphics and Logo	Totally Customized; Backlit Customized Logo	Totally Customized; Backlit Customized Logo
HID			
	Keyboard Model	104 keys industrial standard black	82/83 keys industrial standard black
	Keyboard Interface	USB	USB
	Keyboard Layout	Italy, USA, Spain, UK, Swiss, Germany, France, Russia, Sweden, Portugal, China, Belgium, Czech, Finland	
	Point Device	Wireless with internal dongle or wired USB industrial mouse	Integrated touchpad

Operator Panel »

Example of customized Operator Panel
* All specifications and photos are subject to change without notice.