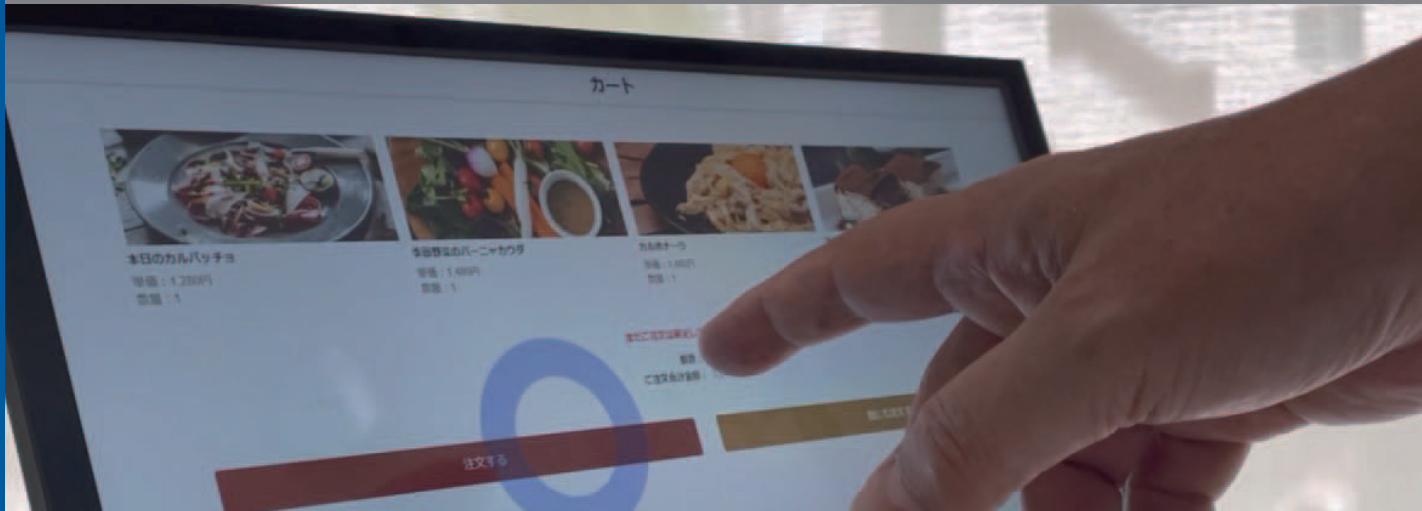
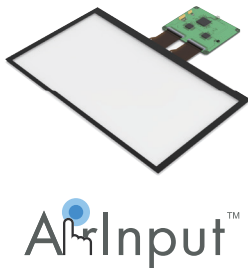


AirInput™ Panel 15.6-Inch Wide

HCEPM0□002□



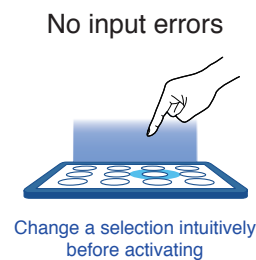
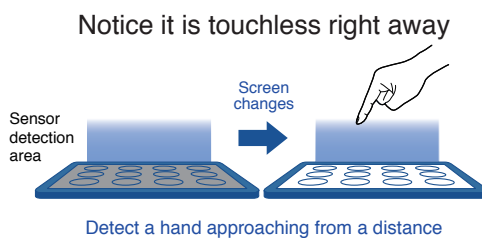
Smart, touchless control – a new standard for intuitive mid-air control



Remove the stress of existing touchless input technology

A high-sensitivity capacitive sensor detects subtle changes in operation from the approach through to touching.

The new user interface uses the space right in front of the panel for quick intuitive control in mid-air without input errors.



Features

- Flat design like a conventional capacitive touch panel
- Detects a finger's position and distance in space close to the panel with multiple thresholds for determining operating status
- Optional dedicated control software (*1) allows use of existing screens in a touchless setup without developing the software

Applications

- Control of food processing, cooking or other equipment in settings demanding hygiene management, contact with oil or dirt, or operation with wet or gloved hands
- Control in situations demanding stringent contamination prevention measures
- Control through rigid structures or dustproof/waterproof cases when conventional capacitive touch panels cannot be used

Basic information

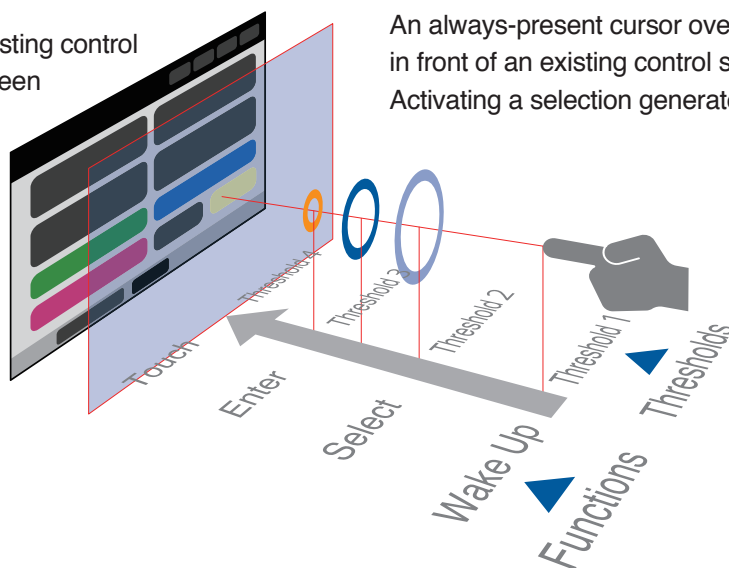
Size	15.6 inch Wide	
Panel dimensions	368.0×220.0×2.26mm	
View area dimensions	346.6×195.6mm	
PC board dimensions	110.0×100.0mm	
Output type	USB HID device	
I/F connector	USB Micro Type-B	
Current consumption	Typ.120mA	
Weight	450g	
Output data	X-Y coordinates + Z value (1 finger)	
Position accuracy	Touch input	X : ±5mm Y : ±5mm
	Mid-air input	X : ±10mm Y : ±10mm
Detection range setting examples	Detection: 5-8cm hand/finger proximity detection	
	Selection: 3-5cm select action	
	Activation: 0-3cm activate action	
Environmental conditions for operation	Temperature	0 to 40°C
	Humidity	0 to 40°C: Up to 90% (no condensation)

(*1) Dedicated Software (Optional)

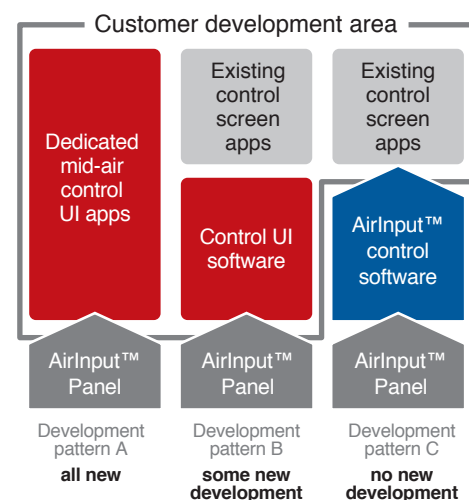
Existing control screen

An always-present cursor overlay supports control in the space directly in front of an existing control screen.

Activating a selection generates an event that operates the existing app.



AirInput™ Panel Usage Examples



More Information

Product/technology information (Alps Alpine website):

<https://tech.alpsalpine.com/e/products/category/capacitive-input-module/>



Email inquiries:

<https://tech.alpsalpine.com/e/inquiry/catalog/?product=CIM&partnumber=HCEPM>



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