

SMK Develops Copper Mesh Capacitive Touch panel with Force Feedback Featuring Light Operation despite Its Large Size



SMK Corporation has developed a copper mesh capacitive touch panel with force feedback “CapBeat Touch-MM” for medium to large-size displays.

CapBeat Touch-MM is an advanced version of SMK’s conventional touch panel “Wing Touch-MM” that uses light and thin copper mesh film sensor and supports large displays. With the newly attached vibration element on the sensor, CapBeat Touch-MM achieved force feedback with various vibration patterns such as click feeling or gradually changing feeling for slide input.

By employing copper mesh sensor featuring low resistance, this product has improved touch sensitivity as well as enhanced response speed, allowing smartphone-like light operation despite its large screen size.

The new touch panel with force feedback contributes to further increasing added value of final products.

[Applications]

Medical equipment, machining tools, etc.



Published Date	October 10th, 2018	
Press Release Number	1108TP	
Product Name	"CapBeat Touch-MM" Capacitive Touch Panel with Force Feedback: 15-inch Cu Mesh Sensor	
Features	<ol style="list-style-type: none"> 1) Achieved force feedback despite its large size of 15 inches by employing light and thin copper mesh sensor film. 2) Capable of force feedback with various vibration patterns. 3) Improved touch sensitivity and response speed thanks to the use of copper mesh sensor featuring low resistance. 	
Major Specifications	Sensing System	Capacitive
	Input Method	Finger
	Interface	USB, UART, I ² C
	Supply Voltage	5V (Typ.)
	Operating Temperature Range	-30°C to +85°C
	Storage Temperature Range	-40°C to +95°C
	Release Date	December, 2018
Production Capacity	50,000 units per month	
Sample Price	Price dependent on customization required.	
Inquiry	For more information, please contact TP Division	