

TanvasTouch Surface Haptics for Automotive-Qualified Displays

Programmable multi-touch technology adds dimension and depth to the tactile experience of automotive touchscreens, steering wheels, upholstery and more

Technology	TanvasTouch surface haptic technology
Characteristics	Solid state actuator and single controller
Resolution	2400x1200
Size	14.96
Contrast Ratio	1500:1
Module video interface	Apix 3
Backlight	LED
Surface treatment	AR/AS
deco glass thickness	0.33mm
Spine glass	0.4mm
Special Features	Electroadhesion modulates friction between fingers and touch surface; software-defined haptics
Latency	<2msec touch to haptics
Unique to Automotive	Harmony across size, shape, surface including large and curved displays



The surface haptic experience is independent of the form factor (e.g. effects can feel the same on CID, steering wheel, door, rear seat entertainment, etc.) Suitable substrates include glass, plastic, ceramics, metals and natural surfaces. It is only necessary to produce patterned electrodes on the surface and insulate them with an automotive-quality hard coat.

