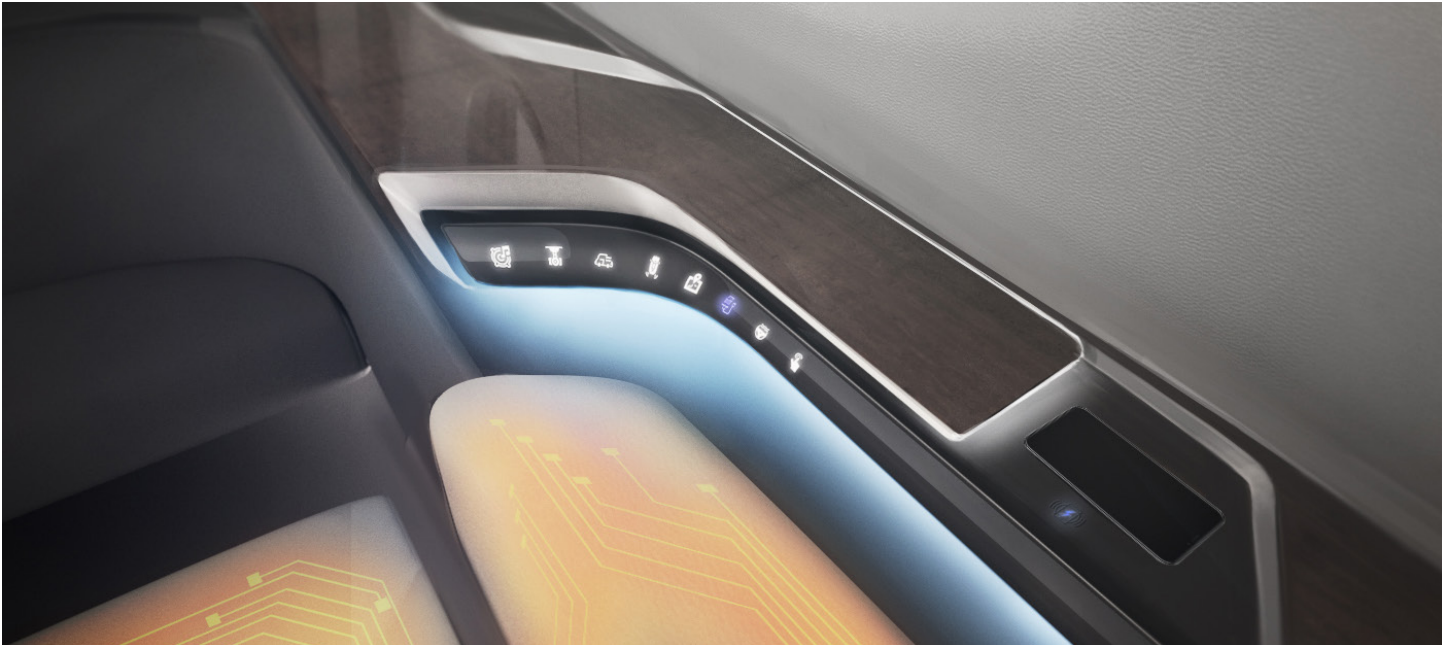


CapFlex™ - Curved Capacitive Interface



One Technology, Endless Applications

e₂ip's innovative CapFlex™ technology sensitizes surfaces, allowing interactions to be intuitive and molded to the moment.

The CapFlex™ is thin and flexible for seamless integration into curved spaces. Solid state design means no moving parts, adding extended durability.

Embedded backlighting delivers crisp light while maintaining a remarkably low power consumption. Adaptable to multiple applications such as passenger control units, galley insert control panels, cabin management system interfaces and more - the CapFlex™ makes surfaces smarter.

Applications

- Instrument panels
- Seat controls
- Wearables
- Remote controls

Key Features & Benefits

- Flexible
- Lightweight
- Cost-effective
- Environmentally friendly

Features

Rigorous design and testing ensure CapFlex™ complies with critical aerospace standards such as DO-160, FAR 25.853, Airbus and Boeing standards.

With a longer lifespan from solid state composition, the CapFlex™ is also easy to maintain and clean with scratch-, liquid- and fingerprint-resistant material.



Technical Specifications

Min Key Size	12 mm (Diameter)
Min Key Center to Center Distance	16 mm (for 12 mm diameter keys)
Luminance / Color	Min 25 ft-L for White Backlight Backlight Uniformity: <50%
Min Radius of Curvature	12.7 mm
Nominal Voltage	12 VDC (+/- 10%)
Typical Current Draw	Each Key: 30 mA +/- 3 mA @ 12 VDC
Haptics Feedback (optional, one per PCU)	220 mA +/-20 mA @ 12 VDC
Max Lens Thickness	Polycarbonate 1.5 mm
Capacitive and Backlight Thickness	Max 1.0 mm



**Transforming the surfaces we
touch in our everyday lives.**

For more information, speak with
a specialist at e₂ip technologies.

We're always looking forward to
hearing from you!

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