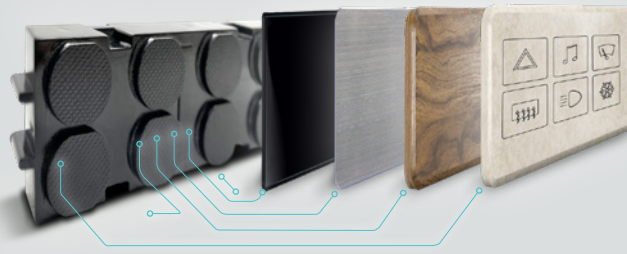![Barantech — CUSTOMIZED HMI SOLUTIONS]

Flexi

The brain behind any surface that makes things happen
Flexible design • Flexible surface • Flexible size

Key Characteristics:

- Can be made with any material – Aluminum/Stainless Steel/Plastic/Chrome Plated/Glass/ Wood/Stone

- No moving parts – completely sealed against the environment

- One piece polycarbonate housings

- Enhanced touch activated - operation by hand, foot, gloves or tools

- Weatherproof - operation unaffected by water, ice, humidity, etc.

- Optional SmartSwitch technology - self-diagnostic, WIFI, Bluetooth and IoT capabilities

- LED illumination in RGB color selection

- EMC & RFI compliance

Electrical Data

Switch Function	N.O. Momentary (N.Closed optional) Prolonged, Toggle (On/Off), Continuous as well as Programmable, Timer, Slide, Self-Diagnostic, and WiFi Enabled Optional.
Switch Voltage	0-24 AC/DC
Switch Current	0.2A Standard (up to 1Amp optional)
Rated Breaking Capacity	Power Dissipation < 5 Watt
Operating Cycles	> 50,000,000
Switch Resistance OFF	> 20M Ohm
Switch Resistance ON	< 5 Ohm
Switch Capacitance	10 pF
Switch On Duration	Up to 20Sec
Contact Configuration	Free polarity
Communication Interface	RS-485/232, USB, CAN-BUS, I2C, SPI

Mechanical Data

Housing Materials	Polycarbonate
Actuating Force	1-7 Newtons
Illuminated Surface	RGB
IP Rating for Switch Front Side	IP68

Environmental Data

Operating Temperature	-20°C to +75°C
Storage Temperature	-40°C to +125°C
IP Protection	IP68

You'll design. We'll Flexi according to your needs.