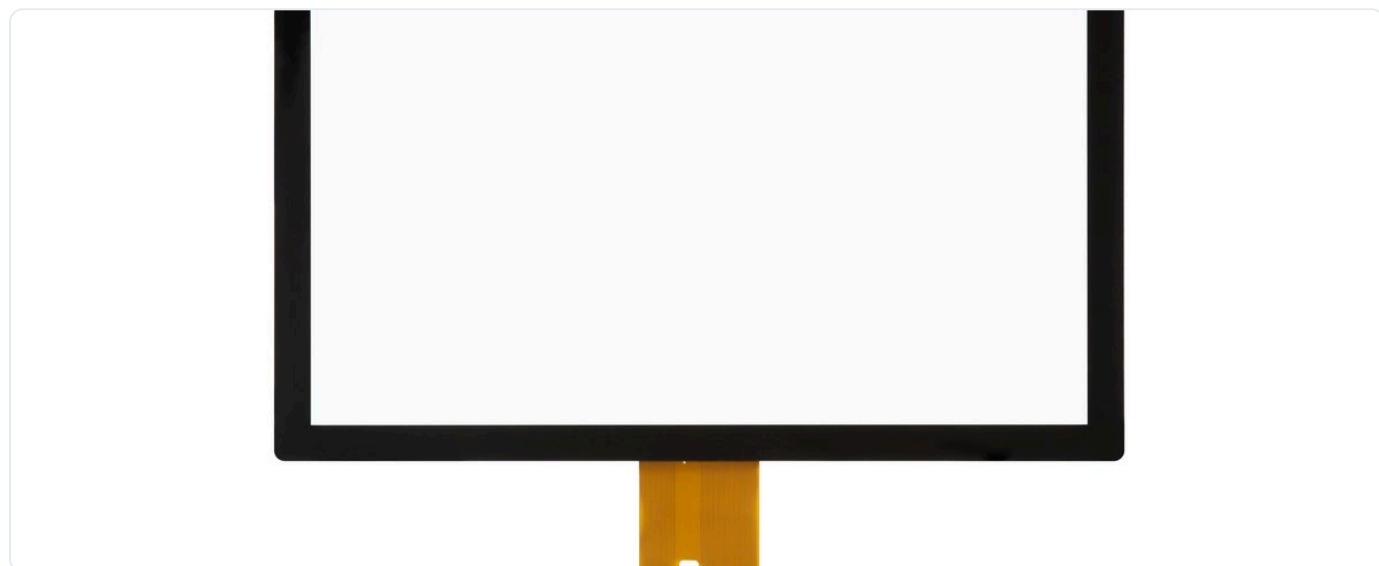


Capacitive Touch Panel

8" – 49"

G+G and G+FF projected-capacitive panels with OD, VA and sensor outline cut to your housing. Controller, cable and FPC tail included.



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1. What the product is

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A projected-capacitive touch panel is a cover glass laminated to an ITO sensor, with an FPC tail and a controller. It is the touch layer only — no display. Bond your LCD behind it and the assembly becomes a capacitive touch screen; order it from our module line and we do the optical bonding as well.

G+G (glass sensor) is the default for front-facing products: better clarity, flatter surface, and a printed border that stays sharp. G+FF (film sensor) is thinner and cheaper above 32 inch, and more forgiving on a housing that is not perfectly flat.

2. Standard sizes and indicative pricing

Diagonal	Active area VA (mm)	Outline OD (mm)	Border	USD	Stock
8.0"	172 × 108	188 × 124	8 mm	\$48	386 pcs
10.1"	218 × 136	236 × 154	9 mm	\$56	402 pcs
11.6"	257 × 144	275 × 162	9 mm	\$64	366 pcs
12.1"	261 × 163	279 × 181	9 mm	\$68	448 pcs
13.3"	294 × 166	314 × 186	10 mm	\$76	412 pcs
15.0"	305 × 229	325 × 249	10 mm	\$84	334 pcs
15.6"	345 × 194	365 × 214	10 mm	\$90	478 pcs
17.0"	366 × 229	388 × 251	11 mm	\$105	352 pcs
18.5"	410 × 230	432 × 252	11 mm	\$115	394 pcs
21.5"	476 × 268	498 × 290	11 mm	\$130	496 pcs
23.6"	522 × 294	546 × 318	12 mm	\$145	412 pcs
23.8"	527 × 296	551 × 320	12 mm	\$150	424 pcs
27.0"	598 × 336	622 × 360	12 mm	\$170	368 pcs
28.0"	620 × 349	644 × 373	12 mm	\$180	358 pcs
32.0"	708 × 398	734 × 424	13 mm	\$210	344 pcs
34.0"	753 × 423	779 × 449	13 mm	\$235	322 pcs
40.0"	886 × 498	914 × 526	14 mm	\$290	306 pcs
43.0"	952 × 535	982 × 565	15 mm	\$315	306 pcs
49.0"	1085 × 610	1115 × 640	15 mm	\$390	302 pcs

Panel, matched controller, 1.8 m USB cable and FPC tail included. OD is what your housing is cut to; VA is what your UI is designed to. Both are derived from the diagonal and your aspect ratio — send whichever number you have.

3. Technical specification

Structure	G+G (default) / G+FF	Controller interface	USB HID / I2C / RS232
Cover glass	1.1 mm / 1.8 mm / 3.0 mm	Supply	5 V, 30–80 mA
Surface hardness	6 H	Operating temp.	-20 °C to +70 °C
Transmittance	> 85 % (G+G), > 88 % (G+FF)	Storage temp.	-30 °C to +80 °C

Touch points	10 standard, 20 / 40 optional	Surface options	AG / AR / AF coating
Accuracy	±0.5 mm small, ±1.5 mm above 32 inch	Certification	CE / FCC / RoHS
Report rate	100–120 Hz	Warranty	24 months

No calibration at the customer end. A capacitive panel is tuned in firmware, not calibrated on the desktop. Four parameters — sensitivity, noise floor, edge threshold and report rate — are set against the glass stack you tell us about. Change the glass after approval and the tuning has to change with it.

4. Customisation

- **OD / VA / sensor outline** — cut to your drawing; a custom size costs the same as the catalogue size at the same diagonal.
- **Printed border** — width, colour (black / white / Pantone) and logo.
- **FPC exit** — left, right, top or bottom, same-side or opposite-side contact. Free to specify at the drawing stage.
- **Glass thickness** — 1.1 mm for handheld, 1.8 mm for kiosk, 3.0 mm for public access.
- **Bonding** — OCA, OCR or air gap, or supply the finished module with your LCD.

5. Ordering and logistics

MOQ	1 pc for standard sizes	HS code	8537.10.80 (touch panel, glass)
Lead time	5–7 days stock, 10–14 days custom print	Packing	Vacuum bag, foam, individual carton
Sample	5–7 days	Payment	T/T 30 % deposit, balance before shipment

6. What ships in the box

- Panel with the printed border and FPC tail you specified
- Matched controller, tested against this panel before packing
- 1.8 m USB cable; I2C and RS232 harnesses on request
- Mechanical drawing (DXF) and the firmware parameter sheet

Quotation: send the diagonal, the OD if your housing already exists, the glass thickness and the interface. Reply within 12 working hours — info@wcimci.com.