GF Series

TOUCH SCREEN OVERLAY

The GF touch screen overlay converts a compatible display into an interactive touch screen. Infrared (IR) technology detects fingers, styluses, gloved hands, and other objects. The slim black aluminum frame is designed for commercial, educational, and industrial applications.

Product Highlights

- 10-point infrared multi-touch
- Top mounting bar secures the overlay and glass
- Works with most compatible displays
- Tempered safety glass for display and user protection
- USB connection with plug-and-play setup
- More economical than integrated displays

General Specifications

Specification	Detail
Touch technology	Infrared (IR), 10-point multi-touch
Glass	Available with protective glass or as a frame-only configuration, depending on setup
Glass type	Tempered safety glass provides an additional protective layer for the display
Frame	Black aluminum alloy frame
Bezel	0.82 in. for all standard models
Thickness	Frame only: 0.37 in. Glass and tape add approximately 1/3 in.
Touch input	Finger, stylus, gloved hand, and other objects
Connection	Attached USB cable
Drivers / calibration	Plug-and-play USB connection to a PC; calibration tool available
Operating system	Compatible with Windows 10 and 11 and Android. For macOS compatibility, see the ZV Series
Sizing	The frame extends slightly beyond the front of the TV.
Warranty	1 year
Compatible display sizes	Standard GF models: 32–98 in. See GR models for smaller sizes. Contact us about larger custom sizes
Touch features	Pinch, zoom, double-tap, rotate, and mouse mode; supports 10 simultaneous touches

GF Series Model Sizes

Model	Display size	Outside area*	Viewable area*	Ratio	Bezel	Options
32GF10-A	32 in.	29.27 × 17.25	27.62 × 15.60	16:9	0.82 in.	Frame / Glass
40GF10-A	40 in.	36.51 × 21.26	34.87 × 19.61	16:9	0.82 in.	Frame / Glass
43GF10-A	43 in.	38.82 × 22.60	37.17 × 20.96	16:9	0.82 in.	Frame / Glass
49GF10-A	49 in.	44.04 × 25.54	42.39 × 23.90	16:9	0.82 in.	Frame / Glass
50GF10-A	50 in.	44.90 × 26.05	43.26 × 24.38	16:9	0.82 in.	Frame / Glass
55GF10-A	55 in.	49.43 × 28.59	47.79 × 26.94	16:9	0.82 in.	Frame / Glass
60GF10-A	60 in.	53.97 × 31.08	52.33 × 29.43	16:9	0.82 in.	Frame / Glass
65GF10-A	65 in.	58.10 × 33.49	56.46 × 31.85	16:9	0.82 in.	Frame / Glass
75GF10	75 in.	66.65 × 38.27	65.01 × 36.62	16:9	0.82 in.	Frame only
98GF10	98 in.	86.75 × 49.56	85.11 × 47.93	16:9	0.82 in.	Frame only
Custom GF sizes	32–98 in.	Varies	Varies	Any	0.82 in.	Frame / Glass
Other custom sizes	15–160 in.	Varies	Varies	Any	Varies	Frame / Glass

** Outside and viewable area measurements are in inches.*

Touch Performance & Interface

Specification	Detail
Touch interpolation	32767 (W) × 32767 (D)
Response time	≤15 ms
Touch accuracy	±2 mm (over 90% area)
Touch input method	Finger, gloved hand, and opaque objects
Output form	Coordinate value
Minimum touch object size	7 mm
Interface	A-type USB
Scan rate	125 Hz
Communication	USB 2.0 Full Speed
Transmission rate	12 Mbps
Power supply mode	USB
Supply voltage	DC +5 V ±5%
Operating current	<300 mA
Ambient light	Designed to minimize interference from ambient light

Environmental & ESD Specifications

Specification	Detail
Operating temperature	-10°C to 50°C
Storage temperature	-10°C to 40°C
Operating humidity	10%–85% RH, non-condensing
Storage humidity	30%–70% RH
ESD	EN 61000-4-2: 2008; Level 3; 4 kV contact discharge and 8 kV air discharge

Common Questions

Question	Answer
Is my TV or monitor compatible with the frame?	Most displays with at least 0.25 in. of plastic bezel along the top and both sides are compatible. Zero-bezel or bezel-less displays are not compatible.
Is the frame easy to install?	Yes, can be installed in a few minutes. The frame attaches to the TV bezel using hook-and-loop-style mounting tape. The top mounting bar supports the weight of the glass. Two people are recommended to lift and position the frame on the TV.
Can I use it like a phone or tablet?	The frame can be used with compatible Android apps when connected to an Android computer.
Does the touch overlay include a TV or monitor?	This is an add-on option. This product is the touch overlay only; the TV or monitor is sold separately.
Can mounting be changed?	Let us know if you need portrait before ordering. Landscape is default, mounting bar is permanent and cannot be reoriented.

TYCO TOUCH INC.

Questions or need help checking compatibility?

Contact us at **info@tycotouch.com** | www.tycotouch.com