EVER GLORY / ENGINEERING SELECTION

XP01 Series

Wide-bezel industrial touchscreen monitors

Eight display sizes for integration with an external computer. Full metal housings and wide aluminum frames combine HDMI/VGA video, USB capacitive touch and VESA 100 × 100 mm mounting.

Model selection

Model	Size	Pixel ratio[1]	Resolution	Luminance cd/m²	Operating power
YL-GZXP01Q 101TC-V1	10.1 in	16:10	1280×800	350	<15W
YL-GZXP01Q 121TC-V1	12.1 in	16:10	1280×800	500	<20W
YL-GZXP01Q 133TC-V1	13.3 in	16:9	1920×1080	280	<15W
YL-GZXP01Q 150TC-V1	15 in	4:3	1024×768	350	<20W
YL-GZXP01Q 156TC-V1	15.6 in	16:9	1920×1080	300-1000	<30W
YL-GZXP01Q 170TC-V1	17 in	5:4	1280×1024	250-1000	<20W
YL-GZXP01Q 185TC-V1	18.5 in	16:9	1920×1080	300-1000	<40W
YL-GZXP01Q 215TC-V1	21.5 in	16:9	1920×1080	300-1000	<30W

[1] Pixel ratios are derived from the listed native resolutions. Luminance ranges are configuration ranges in the source specifications; confirm the selected luminance, power and thermal requirements with your quotation. They do not indicate that every unit is supplied at 1000 cd/m².

Shared connections

Video from host	Touch to host	Power supply	Mounting
HDMI + VGA	USB capacitive touch	12 V DC / DC 5521	VESA 100 × 100 mm

These TC models are displays for a separate host computer. The USB connection carries touch input; it does not replace the HDMI or VGA video connection.

OPERATING ENVELOPE

Choose by environment and display

Temperature and power values below belong to the named model. Select the exact configuration before finalizing the enclosure, cooling or power design.

Size	Operating °C	Storage °C	Operating power	Idle power
10.1 in	-20 to 70	-30 to 80	<15W	<1W
12.1 in	-20 to 70	-30 to 80	<20W	<1W
13.3 in	0 to 50	-10 to 60	<15W	<1W
15 in	-20 to 70	-20 to 70	<20W	<1W
15.6 in	-30 to 85	-40 to 90	<30W	<1W
17 in	-10 to 50	-20 to 60	<20W	<1W
18.5 in	-20 to 70	-20 to 70	<40W	<1W
21.5 in	0 to 50	-20 to 60	<30W	<1W

Relative humidity: 10-90% RH for all eight models. The source does not define condensation conditions or a brightness-to-power test matrix. Confirm the installation environment and final configuration.

Display characteristics

Size	Contrast	Viewing angle[2]	Colors	LCD response	LCD MTBF[3]
10.1 in	800:1	85/85/85/85	16.7M	25ms	30000h
12.1 in	1200:1	85/85/85/85	16.7M	30ms	50000h
13.3 in	800:1	85/85/85/85	16.7M	30ms	30000h
15 in	1000:1	89/89/89/89	16.7M	30ms	50000h
15.6 in	800:1	85/85/85/85	16.2M	25ms	50000h
17 in	1000:1	89/89/89/89	16.7M	20ms	30000h
18.5 in	1000:1	89/89/89/89	16.7M	14ms	50000h
21.5 in	1000:1	89/89/89/89	16.7M	14ms	30000h

[2] Four-part source notation is retained; direction order and measurement criterion are not defined in the source summary. [3] MTBF is listed under LCD Screen and is not a whole-monitor warranty or service-life guarantee.

Touch: capacitive touchscreen, USB driver-free interface, response ≤5 ms. The source lists Mohs hardness 7; this is not a 7H pencil-hardness or impact-resistance rating. Verify host operating-system compatibility for your application.

MECHANICAL INTEGRATION

Plan the mounting interface

VESA 100 × 100 mm is the documented mounting pattern for all eight models. Obtain the model-specific mechanical drawing and confirm the bracket, fasteners, clearances and cable routing for your installation.

Model / size	Outline dimensions W × H × D	Installation meaning
YL-GZXP01Q156TC-V1 15.6 in	414.9 × 264.3 × 48 mm	Overall dimensions only; not a panel cutout.
10.1 / 12.1 / 13.3 / 15 / 17 / 18.5 / 21.5 in	Request the model-specific drawing.	The source defers dimensions to the actual drawing.

The 15.6-inch source drawing identifies YL-GZXP01Q156TC-V1 and matches the listed outline dimensions. It does not define a customer panel cutout. No clamp system, panel-thickness range or fixing kit is specified for this series.

Specify your project

Selection input	What to include with your enquiry
Display and host	Model, quantity, luminance requirement, host operating system and HDMI or VGA connection.
Mechanical integration	Enclosure drawing, mounting method, available depth, cable routing and any panel-opening constraints.
Environment	Operating temperature, moisture/condensation conditions, cleaning method, dust exposure and thermal design.

The reviewed TC specifications do not state an IP rating. Environmental sealing, washdown, outdoor exposure or application-specific compliance require separate confirmation for the selected configuration.

Supply and documentation

The source packing list includes one monitor, one power adapter, a 1.8 m power cable and a 1.5 m HDMI cable. Confirm regional power requirements and any USB cable, mounting bracket or fixing accessories with the quotation. Weight, stock, lead time and order conditions are confirmed for the selected model.

Document basis

English specification summary, compiled 16 November 2026 from the eight original YL-GZXP01Q101 / 121 / 133 / 150 / 156 / 170 / 185 / 215 TC-V1 specifications. Display, touch, environmental and connection values are sourced from page 1; ordering and dimensional information from page 2. This compilation is not a replacement for a model-specific installation drawing, test report or engineering approval.

Discuss your XP01 configuration

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