

YW01 Series

Industrial Touchscreen Monitors | Seven sizes, 15 to 23.8 inches

Capacitive touchscreen monitors for integration with an external host. Select the screen format, brightness and operating range by exact part number.

Size	Part number	Resolution	Brightness	Operating range	Power
15 in	YL-GZYW01Q150TC-V1	1024 × 768	350 cd/m ²	-20 to 70 °C	Pmax=15W
15.6 in	YL-GZYW01Q156TC-V1	1920 × 1080	350 cd/m ²	-5 to 50 °C	Pmax=20W
17 in	YL-GZYW01Q170TC-V1	1280 × 1024	250 cd/m ²	-5 to 60 °C	Pmax=20W
18.5 in	YL-GZYW01Q185TC-V1	1920 × 1080	350 cd/m ²	-20 to 70 °C	Pmax≤30W
19 in	YL-GZYW01Q190TC-V1	1280 × 1024	250 cd/m ²	0 to 50 °C	Pmax=25W
21.5 in	YL-GZYW01Q215TC-V1	1920 × 1080	350 cd/m ²	0 to 50 °C	Pmax=30W
23.8 in	YL-GZYW01Q238TC-V1	1920 × 1080	250 cd/m ²	0 to 50 °C	Pmax=25W

COMMON INTERFACES & CONSTRUCTION

HDMI + VGA video inputs; USB capacitive touch; DC 12 V input through a DC 5521 connector; VESA 100 x 100 mm mounting. Aluminium profile, sheet-metal parts and profile back cover. These TC models use an external computer.

PACKING LIST

One monitor, one power adapter, one 1.8 m power cable, one 1.5 m HDMI cable and one 1.5 m USB cable. Confirm the mains plug and required configuration with the quotation.

SPECIFICATION SCOPE

Based on the seven model-specific YL-GZYW01Q...TC-V1 specifications. No IP protection rating is stated for this series in those documents. Dimensions are reference overall dimensions, not cutout drawings. Confirm the released drawing and order configuration before production.

EMC entries in the source specify EN 55032 Class A and ESD contact ±4 kV / air ±8 kV, criterion B. These are specification statements, not certification evidence. Reference test attachments are not reproduced; request the applicable report and model scope.

YL-GZYW01Q150TC-V1

15-inch capacitive touchscreen monitor | Model specification



15 inches / 4:3

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1024 × 768	Operating temperature	-20 to 70 °C
Luminance	350 cd/m²	Storage temperature	-20 to 70 °C
Contrast ratio	1000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax=15W
Display colours	16.7 million	Idle power	<1 W
LCD response time	30 ms	Video inputs	HDMI + VGA
MTBF (specified)	50,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	Not specified

MECHANICAL REFERENCE

Overall dimensions are not provided in the source text. Request the model-specific drawing. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q150TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

YL-GZYW01Q156TC-V1

15.6-inch capacitive touchscreen monitor | Model specification



15.6 inches / 16:9

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1920 × 1080	Operating temperature	-5 to 50 °C
Luminance	350 cd/m²	Storage temperature	-20 to 60 °C
Contrast ratio	3000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax=20W
Display colours	16.7 million	Idle power	<1 W
LCD response time	30 ms	Video inputs	HDMI + VGA
MTBF (specified)	30,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	1.1 mm

MECHANICAL REFERENCE

Overall dimensions (L x W x H): 386.56 × 235.99 × 37.6 mm. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q156TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

YL-GZYW01Q170TC-V1

17-inch capacitive touchscreen monitor | Model specification



17 inches / 5:4

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1280 × 1024	Operating temperature	-5 to 60 °C
Luminance	250 cd/m²	Storage temperature	-20 to 60 °C
Contrast ratio	1000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax=20W
Display colours	16.7 million	Idle power	<1 W
LCD response time	20 ms	Video inputs	HDMI + VGA
MTBF (specified)	30,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	Not specified

MECHANICAL REFERENCE

Overall dimensions are not provided in the source text. Request the model-specific drawing. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q170TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

YL-GZYW01Q185TC-V1

18.5-inch capacitive touchscreen monitor | Model specification



18.5 inches / 16:9

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1920 × 1080	Operating temperature	-20 to 70 °C
Luminance	350 cd/m²	Storage temperature	-20 to 70 °C
Contrast ratio	1000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax≤30W
Display colours	16.7 million	Idle power	<1 W
LCD response time	14 ms	Video inputs	HDMI + VGA
MTBF (specified)	50,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	Not specified

MECHANICAL REFERENCE

Overall dimensions are not provided in the source text. Request the model-specific drawing. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q185TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

YL-GZYW01Q190TC-V1

19-inch capacitive touchscreen monitor | Model specification



19 inches / 5:4

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1280 × 1024	Operating temperature	0 to 50 °C
Luminance	250 cd/m²	Storage temperature	-20 to 60 °C
Contrast ratio	1000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax=25W
Display colours	16.7 million	Idle power	<1 W
LCD response time	14 ms	Video inputs	HDMI + VGA
MTBF (specified)	30,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	Not specified

MECHANICAL REFERENCE

Overall dimensions are not provided in the source text. Request the model-specific drawing. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q190TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

YL-GZYW01Q215TC-V1

21.5-inch capacitive touchscreen monitor | Model specification



21.5 inches / 16:9

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1920 × 1080	Operating temperature	0 to 50 °C
Luminance	350 cd/m²	Storage temperature	-20 to 60 °C
Contrast ratio	1000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax=30W
Display colours	16.7 million	Idle power	<1 W
LCD response time	14 ms	Video inputs	HDMI + VGA
MTBF (specified)	30,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	1.1 mm

MECHANICAL REFERENCE

Overall dimensions (L x W x H): 522.64 × 314.11 × 41.6 mm. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q215TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

YL-GZYW01Q238TC-V1

23.8-inch capacitive touchscreen monitor | Model specification



23.8 inches / 16:9

Video: HDMI + VGA
Touch: capacitive, USB
Mounting: VESA 100 x 100 mm
Power input: DC 12 V

Series appearance reference. Confirm final proportions and dimensions with the model drawing.

Resolution	1920 × 1080	Operating temperature	0 to 50 °C
Luminance	250 cd/m²	Storage temperature	-20 to 60 °C
Contrast ratio	1000:1	Humidity	10-90% RH
Viewing angle (L/R/U/D)	89/89/89/89 degrees	Operating power	Pmax=25W
Display colours	16.7 million	Idle power	<1 W
LCD response time	14 ms	Video inputs	HDMI + VGA
MTBF (specified)	30,000 hours	Power input	DC 12 V
Touch technology	Capacitive	Power connector	DC 5521
Touch controller / driver	USB / driver-free	Mounting (VESA)	100 x 100 mm
Touch response	<=5 ms	Net weight	Not specified (TBD)
Surface hardness	Mohs 7	Cover glass	1.1 mm

MECHANICAL REFERENCE

Overall dimensions (L x W x H): 573.44 × 342.86 × 41.6 mm. Reference values are not a panel cutout or released mounting drawing.

Source: YL-GZYW01Q238TC-V1 monitor specification, V1. Confirm the selected configuration, electrical compatibility and installation conditions before ordering. MTBF is not a warranty term.

Integration & document guide

Connection planning, model pages and configuration-specific support

THREE CONNECTIONS

Connection	From / to	Function
HDMI or VGA	External host to YW01	Video signal
USB	Host and YW01 touch interface	Touch communication
DC 12 V / DC 5521	Power adapter to monitor	Power input

CONFIRM THE HOST AND INSTALLATION

The supplied TC specifications state USB driver-free touch. They do not identify tested OS versions, simultaneous touch-point count or net weight. Share the host and OS version, required touch behaviour, mounting arrangement and cable clearance for review. Any support utility must match the fitted controller.

MODEL DOCUMENT REGISTER

Exact part number / source revision	English page	Mechanical reference
YL-GZYW01Q150TC-V1	2	Request dimensions
YL-GZYW01Q156TC-V1	3	Overall dimensions stated
YL-GZYW01Q170TC-V1	4	Request dimensions
YL-GZYW01Q185TC-V1	5	Request dimensions
YL-GZYW01Q190TC-V1	6	Request dimensions
YL-GZYW01Q215TC-V1	7	Overall dimensions stated
YL-GZYW01Q238TC-V1	8	Overall dimensions stated

All seven source documents are V1. EN2 is the English compilation edition; it is not a new hardware revision or engineering approval. Request the approved YW01 TC drawing for the exact part number before fixing mounting details. Source dimensions are not released cutout or CAD drawings.

Request the model-specific drawing, installation information and applicable test reports through evergloryltd.com/contact-us/.

Quality & testing

Published factory evidence and a configuration-specific validation plan



Powered aging room in operation



Internal ESD engineering video / 00:41

Real factory media documents EverGlory company capability. The ESD video shows work on a powered touch-display sample; recorded September 2026. These materials do not establish YW01 certification, a test level or a pass result.

PLAN THE VALIDATION AROUND YOUR CONFIGURATION

Stage	What to agree
1. Identify the sample	Exact part number and revision; host, cables, mounting and grounding.
2. Define the checks	Display and touch checks; environmental conditions; powered-aging duration and EMC work when required by the project.
3. Review the evidence	Sample identity, test method and conditions, acceptance criteria, observations and applicable report scope.

FOLLOW THE EVIDENCE

[Quality & testing - photos, ESD video and management-system scopes](#)
[Published test evidence register - report identities and covered samples](#)

Certificates and third-party reports have defined scopes. No reviewed public report identifies the seven YW01 TC models as covered. Request the applicable documentation for the configuration and destination market in your project.

Production & project support

Revision control, inspection records and a practical service route

AGREE THE PRODUCTION RECORDS BEFORE THE PILOT BUILD

Stage	Project checkpoint
Released build	Confirm the drawing, parts configuration and revision.
FAI / IPQC	Agree first-article and in-process inspection checkpoints.
OQC / shipment	Define outgoing inspection, product identification and packaging records.
Change control	Document approved changes, effective dates and any agreed revalidation.

PUBLISHED COMPANY EVIDENCE

The 57-second factory video shows quality checks, controlled documentation and shipment preparation; recorded September 2026. ECN-20260703-002 documents an approved traceability-label change from thermal paper to PET, released 3 July and effective 10 July 2026. This is a company change-control example, not a YW01 lot record.

[View production quality, traceability and the published ECN example](#)

FROM SAMPLE REVIEW TO AFTER-SALES SUPPORT

Before ordering: confirm the selected configuration, sample availability, quotation, delivery schedule, required records and service terms. Validate the agreed sample before production approval.

On receipt: check product identification, package condition and agreed accessories. Retain model and order references for service and repeat orders.

If an issue occurs: provide the model and order reference, installation details and a short video. Support can review connections and grounding, request relevant diagnostics and verify the outcome with you. Warranty coverage and any return or repair arrangement are confirmed for the specific quotation or case.

[Contact EverGlory](#) | [Privacy Policy](#)

Company: DongGuan Ever Glory Photoelectric co., Ltd

Document basis: seven model-specific TC-V1 specifications and the two linked company evidence pages. English edition EN2 prepared 22 September 2026.