

YW02 Series

Industrial Touchscreen Monitors

Nine documented TC monitor sizes from 13.3 to 32 inches, with model-specific display, environment and power data.



Series appearance reference only. Exact proportions, dimensions and interfaces require the released model drawing.

Models covered

13.3 | 15.6 | 17 | 18.5 | 19 | 21.5 | 23.8 | 27 | 32 inch

13.3-inch Industrial Touchscreen Monitor

YL-GZYW02Q133TC-V1



13.3 inch

16:9 format diagram - not a mechanical drawing

RESOLUTION
1920 × 1080

BRIGHTNESS
280 cd/m²

CONTRAST
800:1

VIEWING ANGLE
85/85/85/85

LCD RESPONSE
30 ms

SPECIFIED MTBF
30,000 h

OPERATING
-10 to 50 °C

STORAGE
-10 to 60 °C

MAXIMUM POWER
P_{max}=15W

POWER INPUT
DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response ≤5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

Standard source folder. Confirm the released part number, optical configuration, drawing and packing list with the quotation.

Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

15.6-inch Industrial Touchscreen Monitor

YL-GZYW02Q156TC-V1



15.6 inch

16:9 format diagram - not a mechanical drawing

RESOLUTION

1920 × 1080

BRIGHTNESS

280 cd/m²

CONTRAST

800:1

VIEWING ANGLE

85/85/85/85

LCD RESPONSE

25 ms

SPECIFIED MTBF

30,000 h

OPERATING

0 to 50 °C

STORAGE

-10 to 60 °C

MAXIMUM POWER

P_{max}=20W

POWER INPUT

DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response ≤5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

Standard source folder. Confirm the released part number, optical configuration, drawing and packing list with the quotation.

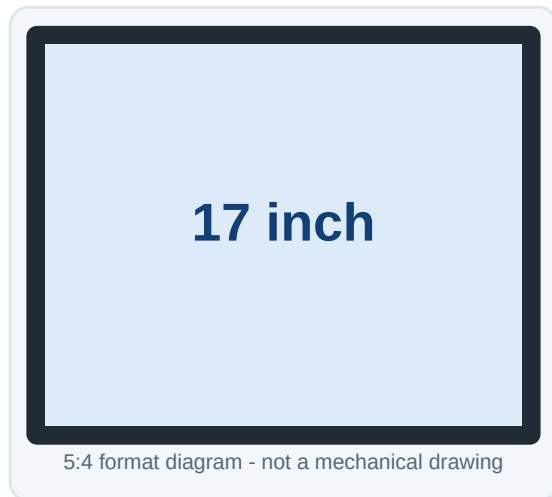
Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

17-inch Industrial Touchscreen Monitor

YL-GZYW02Q170TC-V1



RESOLUTION

1280 × 1024

BRIGHTNESS

250 cd/m²

CONTRAST

1000:1

VIEWING ANGLE

89/89/89/89

LCD RESPONSE

20 ms

SPECIFIED MTBF

30,000 h

OPERATING

-5 to 60 °C

STORAGE

-20 to 60 °C

MAXIMUM POWER

P_{max}=20W

POWER INPUT

DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response ≤5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

Standard source folder. Confirm the released part number, optical configuration, drawing and packing list with the quotation.

Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

18.5-inch Industrial Touchscreen Monitor

YL-GZYW02Q185TC-V1



RESOLUTION
1920 × 1080

BRIGHTNESS
350 cd/m2

CONTRAST
1000:1

VIEWING ANGLE
89/89/89/89

LCD RESPONSE
14 ms

SPECIFIED MTBF
50,000 h

OPERATING
-20 to 70 °C

STORAGE
-20 to 70 °C

MAXIMUM POWER
Pmax=30W

POWER INPUT
DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response <=5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

The source folder marks this size as non-standard. Confirm commercial availability, released configuration and sample timing with the quotation.

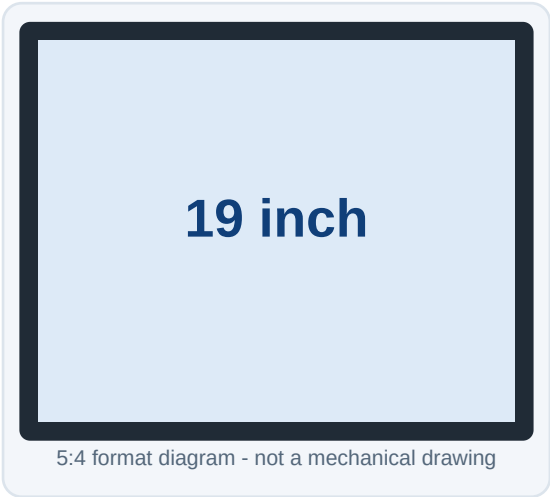
Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

19-inch Industrial Touchscreen Monitor

YL-GZYW02Q190TC-V1



RESOLUTION
1280 × 1024

BRIGHTNESS
250 cd/m2

CONTRAST
1000:1

VIEWING ANGLE
89/89/89/89

LCD RESPONSE
14 ms

SPECIFIED MTBF
30,000 h

OPERATING
0 to 50 °C

STORAGE
-20 to 60 °C

MAXIMUM POWER
Pmax=25W

POWER INPUT
DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response <=5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

The source folder marks this size as non-standard. Confirm commercial availability, released configuration and sample timing with the quotation.

Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

21.5-inch Industrial Touchscreen Monitor

YL-GZYW02Q215TC-V1



RESOLUTION
1920 × 1080

BRIGHTNESS
500 cd/m2

CONTRAST
1000:1

VIEWING ANGLE
89/89/89/89

LCD RESPONSE
14 ms

SPECIFIED MTBF
30,000 h

OPERATING
0 to 50 °C

STORAGE
-20 to 60 °C

MAXIMUM POWER
Pmax=30W

POWER INPUT
DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response <=5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

The source folder marks this size as non-standard. Confirm commercial availability, released configuration and sample timing with the quotation.

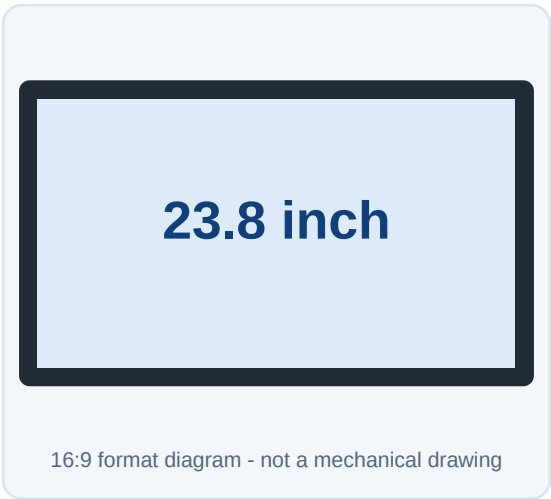
Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

23.8-inch Industrial Touchscreen Monitor

YL-GZYW02Q238TC-V1



RESOLUTION
1920 × 1080

BRIGHTNESS
250 cd/m2

CONTRAST
1000:1

VIEWING ANGLE
89/89/89/89

LCD RESPONSE
14 ms

SPECIFIED MTBF
30,000 h

OPERATING
0 to 50 °C

STORAGE
-20 to 60 °C

MAXIMUM POWER
Pmax=25W

POWER INPUT
DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response <=5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

The source folder marks this size as non-standard. Confirm commercial availability, released configuration and sample timing with the quotation.

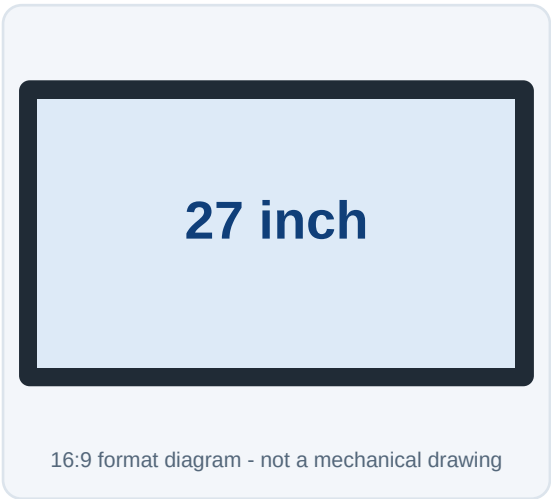
Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

27-inch Industrial Touchscreen Monitor

YL-GZYW02Q270TC-V1 *



RESOLUTION
1920 × 1080

BRIGHTNESS
300 cd/m2

CONTRAST
1000:1

VIEWING ANGLE
89/89/89/89

LCD RESPONSE
14 ms

SPECIFIED MTBF
30,000 h

OPERATING
0 to 50 °C

STORAGE
-20 to 60 °C

MAXIMUM POWER
Pmax=30W

POWER INPUT
DC 12 V · DC 5521

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response <=5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

SOURCE CONFLICT: the touch-monitor folder and public catalog use a TC part number, while the supplied product file identifies AC. Confirm the released TC part number and drawing before quotation or publication.

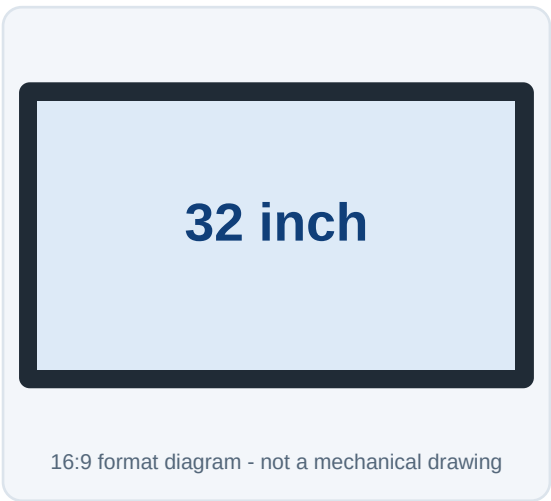
Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

32-inch Industrial Touchscreen Monitor

YL-GZYW02Q320TC-V1



RESOLUTION
1920 × 1080

BRIGHTNESS
250 cd/m2

CONTRAST
1000:1

VIEWING ANGLE
89/89/89/89

LCD RESPONSE
14 ms

SPECIFIED MTBF
30,000 h

OPERATING
0 to 50 °C

STORAGE
-20 to 60 °C

MAXIMUM POWER
Pmax=60W

POWER INPUT
AC 220 V

COMMON TC INTERFACES

PCAP touch | USB touch communication | touch response <=5 ms | HDMI + VGA video | VESA 100 x 100 mm

SOURCE AND RELEASE NOTE

The supplied 32-inch touchscreen-monitor specification states AC 220 V and Pmax=60W. Do not substitute DC 12 V data from the AIO or LCD-panel files.

Mechanical status: request the released model-specific enclosure drawing. VESA spacing is not a panel cutout.

Ingress protection: no IP rating is stated in the supplied YW02 TC product specification.

Commercial terms, certificates and test-report coverage are confirmed for the quoted configuration.

Video. Touch. Power.

YW02 TC products are external-host touchscreen monitors. Android all-in-one products use separate AC part numbers and are outside this compilation.

1**VIDEO**

External host -> HDMI or VGA -> YW02 video input

2**TOUCH**

Host USB port -> USB touch communication -> YW02 touch controller

3**POWER**

13.3-27 inch: DC 12 V / DC 5521. 32 inch: AC 220 V.

Before sample approval

- Confirm the exact TC part number, supply voltage and power connector.
- Request the released enclosure drawing and mounting details.
- Share host OS/version, video output, touch behavior and installation orientation.
- Define operating conditions, grounding, cables and configuration-specific tests.
- Validate the agreed sample before approving a production build.

Evidence should match the ordered configuration.

EverGlory publishes factory-level aging, ESD engineering and production-quality material. These company-capability records do not by themselves establish a YW02 model certification or test pass.

01 / IDENTIFY THE SAMPLE

Part number, hardware revision, display, touch controller, host, cables, mounting and grounding.

02 / AGREE THE CHECKS

Display and touch checks, environmental conditions, aging duration, EMC work and acceptance criteria.

03 / REVIEW THE RECORD

Sample identity, method, conditions, observations, result and model coverage.

04 / CONNECT THE BUILD

Drawing revision, first-article checks, in-process controls, outgoing inspection, identification and packing.

Published company-level references

Quality & Testing: <https://evergloryltd.com/quality-testing/>

Production Quality & Traceability: <https://evergloryltd.com/production-quality-traceability/>

What this English compilation means

- This EN1 document compiles nine model-specific YW02 touchscreen-monitor source specifications for easier comparison. It does not create a new hardware revision, certification, mechanical approval, warranty or commercial commitment.
- The 27-inch touch-monitor source contains a TC/AC part-number conflict, and its drawing title block points to a different AIO series. The web catalog currently uses YL-GZYW02Q270TC-V1. Confirm the released TC identity and drawing before use.
- The 18.5-, 19-, 21.5- and 23.8-inch source folders are marked non-standard. Availability and stable purchasing conditions require commercial and engineering confirmation.
- No YW02 TC source specification states IP67. Existing AIO interface photographs and unsupported waterproof/high-brightness marketing graphics are excluded.

Send these details for an engineering review

- ☐ Preferred size or installation envelope
- ☐ Host video output and OS/version
- ☐ Mounting arrangement and available cable clearance
- ☐ Operating temperature, water/dust exposure and ambient light
- ☐ Expected sample and production quantities
- ☐ Required drawing, reports and delivery records

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