

# 21.5-inch Touchscreen Monitor

YL-GZNW02Q215TC-V1

NW02 SERIES

## PRODUCT VIEWS



Product and connector views from the model specification.

## CONSTRUCTION & MOUNTING

Sheet-metal back plate and rear cover.

Wall mounting, internal embedding or external embedding; VESA 100 × 100 mm.

## EMC SPECIFICATION

Radiated emissions: EN 55032 Class A.  
ESD: contact ±4 kV, air ±8 kV; performance criterion B.

Brightness is configuration-dependent. Confirm the selected luminance when ordering.

### DISPLAY

|                |                            |
|----------------|----------------------------|
| Display size   | 21.5 inches                |
| Resolution     | 1920 × 1080                |
| Luminance      | 300-1000 cd/m <sup>2</sup> |
| Contrast ratio | 1000:1                     |
| Viewing angle  | 89 / 89 / 89 / 89°         |
| Display colors | 16.7 million               |
| Response time  | 14 ms                      |
| MTBF           | 30,000 hours               |

### TOUCH

|                        |                        |
|------------------------|------------------------|
| Touch technology       | Capacitive touchscreen |
| Controller / interface | USB; driver-free       |
| Touch response         | ≤ 5 ms                 |
| Surface hardness       | Mohs 7                 |

### ELECTRICAL

|                 |                         |
|-----------------|-------------------------|
| Video inputs    | HDMI + VGA              |
| Power input     | DC 12 V                 |
| Power connector | DC 5521                 |
| Operating power | P <sub>max</sub> ≤ 40 W |
| Idle power      | < 1 W                   |

### ENVIRONMENT

|                       |             |
|-----------------------|-------------|
| Operating temperature | -20 to 60°C |
| Storage temperature   | -20 to 60°C |
| Humidity              | 10-90% RH   |

### MECHANICAL

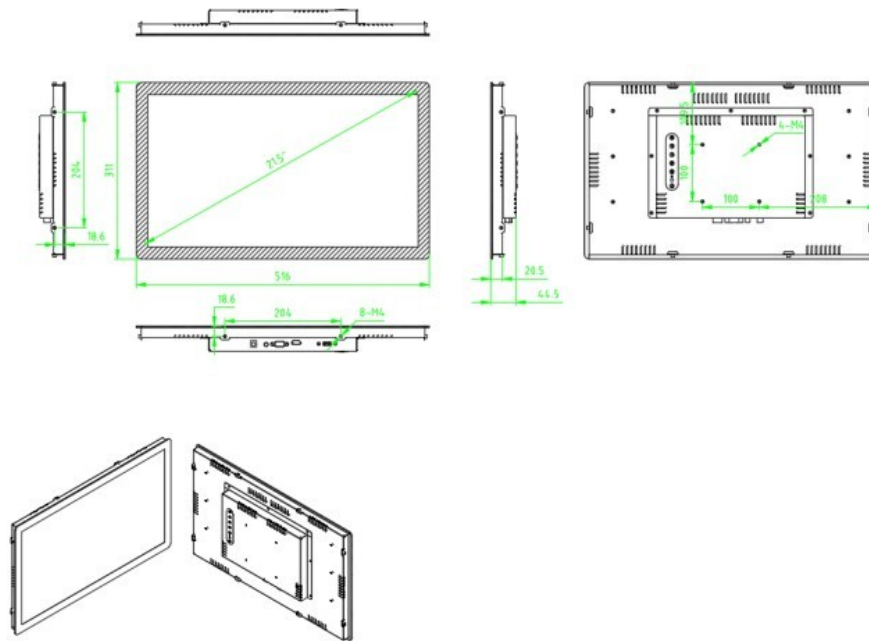
|               |              |
|---------------|--------------|
| VESA mounting | 100 × 100 mm |
| Net weight    | TBD          |

# Mechanical & Ordering Details

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## DIMENSIONAL REFERENCE



**Overall dimensions: 516 × 311 × 44.5 mm**

Units: mm. Reference views are not to scale. Request the released drawing for tolerances, panel cutout and production use.

## ORDERING INFORMATION

|             |                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------|
| Part number | YL-GZNW02Q215TC-V1                                                                                             |
| Description | 21.5-inch capacitive touchscreen monitor;<br>DC 12 V input; HDMI and VGA video inputs.<br>1.85 mm cover glass. |

## PACKING LIST

| Item                | Qty |
|---------------------|-----|
| Touchscreen monitor | 1   |
| Power adapter       | 1   |
| Power cable, 1.8 m  | 1   |
| HDMI cable, 1.8 m   | 1   |
| USB cable, 1.5 m    | 1   |

## APPLICATION CONSIDERATIONS

Durability and reliability. Select the mechanical design against the specified temperature, humidity and environment.

Electromagnetic interference. Review electrical noise, the EMC specification and the installed system together.

Color performance. Confirm application-specific requirements for clear and accurate visual information.