



## Kinco New Industrial HMI

### Waterproof Series HMI

# GL2070HE-WIFI-LRF

#### Product Features

- **HD Display:** 7" 1024\*600 screen with 16.7 million colors and 85/85/85/85 wide viewing angle
- **Powerful Performance:** Dual-core 1.0GHz CPU with 128MB RAM and 256MB flash
- **Built for Harsh Environments:** IP65 certified, with isolated power&serial ports, and PCB coating
- **Flexible Installation:** Available with panel mounting or VESA bracket mounting options
- **Software:** Compatible with the latest Kinco DTools Pro configuration software and EdgeAccess 2.0

#### Kinco Configuration Software: **Kinco DToolsPro**

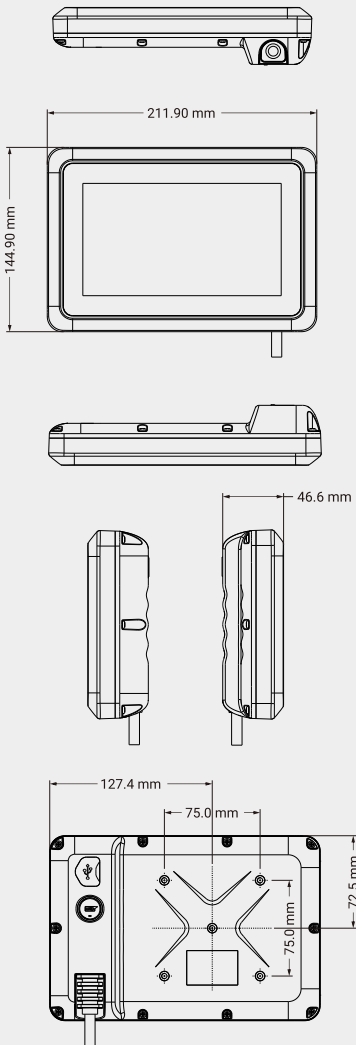
- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency



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## GL2070HE-WIFI-LRF



| Model/Specification           | GL2070HE-WIFI-LRF                                                                                                      | Dimensions (mm)                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Performance                   |                                                                                                                        |                                                                                      |
| Display Size                  | 7" TFT                                                                                                                 |  |
| Display Area (W x H)          | 154.21 x 85.92 mm                                                                                                      |                                                                                      |
| Resolution                    | 1024*600                                                                                                               |                                                                                      |
| Colors                        | 16.7 million                                                                                                           |                                                                                      |
| Viewing Angle (T/B/L/R)       | 85/85/85/85                                                                                                            |                                                                                      |
| Contrast Ratio                | 800:1                                                                                                                  |                                                                                      |
| Backlight                     | LED                                                                                                                    |                                                                                      |
| Brightness                    | 450 cd/m <sup>2</sup>                                                                                                  |                                                                                      |
| Backlight Life Time           | 30000 hours                                                                                                            |                                                                                      |
| Touch Panel                   | 4-wire resistive type                                                                                                  |                                                                                      |
| CPU                           | Dual-core ARM 1 GHz                                                                                                    |                                                                                      |
| Memory                        | 128MB DDR + 256MB NAND                                                                                                 |                                                                                      |
| RTC                           | Built-in                                                                                                               |                                                                                      |
| Expandable Memory             | 1*USB Host                                                                                                             |                                                                                      |
| Printer Port                  | USB Host / Serial Port                                                                                                 |                                                                                      |
| Ethernet                      | LAN0:10/100Mbps                                                                                                        |                                                                                      |
| Program Download              | U disk / Ethernet port                                                                                                 |                                                                                      |
| Network Access                | Ethernet port / Wi-Fi (built-in antenna)                                                                               |                                                                                      |
| Wi-Fi                         | IEEE 802.11 b/g/n                                                                                                      |                                                                                      |
| VPN                           | HMI remote upload, download, and monitoring; PLC pass-through programming for program upload, download, and monitoring |                                                                                      |
| Communication Port            | COM0:RS232/RS485; COM2:RS232 (isolated)                                                                                |                                                                                      |
| Power                         |                                                                                                                        |                                                                                      |
| Input Power                   | DC10V ~ 28V (power isolation)                                                                                          |                                                                                      |
| Power Consumption             | 4.32W@DC 24V                                                                                                           |                                                                                      |
| Voltage Interruption Immunity | <3ms                                                                                                                   |                                                                                      |
| Insulation Resistance         | Over 50MΩ@500V DC                                                                                                      |                                                                                      |
| Dielectric Resistance         | 500V AC 1 minute                                                                                                       |                                                                                      |
| Structure                     |                                                                                                                        |                                                                                      |
| PCB Coating                   | Yes                                                                                                                    |                                                                                      |
| Enclosure                     | Engineering plastic                                                                                                    |                                                                                      |
| Dimension (W x H x D)         | 211.9 x 144.9 x 46.6 mm                                                                                                |                                                                                      |
| Cable                         | 5-meter 14-core flexible cable                                                                                         |                                                                                      |
| Mounting                      | Handheld & VESA mounting (75 x 75 mm)                                                                                  |                                                                                      |
| Environment                   |                                                                                                                        |                                                                                      |
| Operating Temperature         | 0~50°C                                                                                                                 |                                                                                      |
| Operating Humidity            | 10~90%RH (Non-condensing)                                                                                              |                                                                                      |
| Storage Temperature           | -20~60°C                                                                                                               |                                                                                      |
| Storage Humidity              | 10~90%RH (Non-condensing)                                                                                              |                                                                                      |
| Vibration Resistance          | 10 ~500Hz, 30m/s <sup>2</sup> , 1 hour each for X, Y, Z directions                                                     |                                                                                      |
| Cooling Method                | Natural air circulation                                                                                                |                                                                                      |
| Certification                 |                                                                                                                        |                                                                                      |
| Panel Protection Grade        | Whole unit: IP65                                                                                                       |                                                                                      |
| Software                      |                                                                                                                        |                                                                                      |
| Configuration Software        | Kinco DTools Pro                                                                                                       |                                                                                      |