

AITOUCHSYNC- INFRARED INTERACTIVE BLACKBOARD

MODEL NUMBER : GT-BB01



* Proposed design only, subject to changes without any notice.

KEY FEATURES

1. Multi-purpose function: Color light display, IR control, bluetooth control, universal wheels control, ultrasonic following, ultrasonic obstacle avoidance, 4WD drive, car tracking and UNO PLUS control board.
2. Easy to build: Motor drive , RGB2812 and seven-color LEDs have been integrated on the bottom plate and without welding circuit.
3. Novel style: We use the Mecanum wheels and the wirings between modules are simple.
4. High extension: Preserve IIC, UART, SPI, ESP8266 WIFI and you can extend other sensors and modules. What's more, the matrix keyboard has a strong controllability.
5. Basic programming learning: Using C language for Arduino IDE and Scratch graphical programming.

TECHNICAL SPECIFICATIONS**I. Display Specification**

- Diagonal Display Size: 86 inch
- Panel Type: Ultra HD Direct type LED
- Active Area: 1895.04×1065.96 mm (vertical)
- Pixel Pitch: 0.4935 mm × 0.4935 mm
- Resolution: 3840×2160 @ 60Hz
- OS: Android 13.0
- CPU: Quad-core Cortex-A76 + Quad-core Cortex-A55 (2.2 - 2.4 GHz)
- Power Supply: AC 100–240V, 50/60Hz
- Power On/Off: Supported
- Standby Power Consumption: ≤0.5 Watt
- Power Consumption: Max/min = 350W / Eco mode = 5W
- Net Weight: (KG ± 2)
- Gross Weight: (KG ± 2)
- Package Dimensions (W×D×H): 4083×1266.4 mm
- VESA Standard: 2255×1380×280 mm

II. Auxiliary Boards (PCS)

- Number of Sub-Boards: 2 (one on each side)
- Shortcut Keys Included: 10
- Technology: IR touch
- Multi-Touch Points: Max 10 points (Windows); Max 2 points (Android)
- Precision: ±1 mm (over 90% active area)
- Sub-Board Size: 1168 mm (W) × 11 mm (D) × 680 mm (H)

III. Optional Camera

- Image Count: 4800M / 6400M
- Max Resolution & Frame Rate: 4208×3120 @ 30fps
- Field of View (FOV): 120°

Manuals :

- (1) All manuals are written in English

General Terms:

- (1) Accessories will be provided where applicable.
 (2) Manuals be provided where applicable.
 (3) Designs & Specifications are subject to change without notice.
 (4) We reserve the right to discontinue the manufacturing of any product.

Warranty:

1 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
IR Touch Interactive Flat Panel Display	GT-BB01	7220-030

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