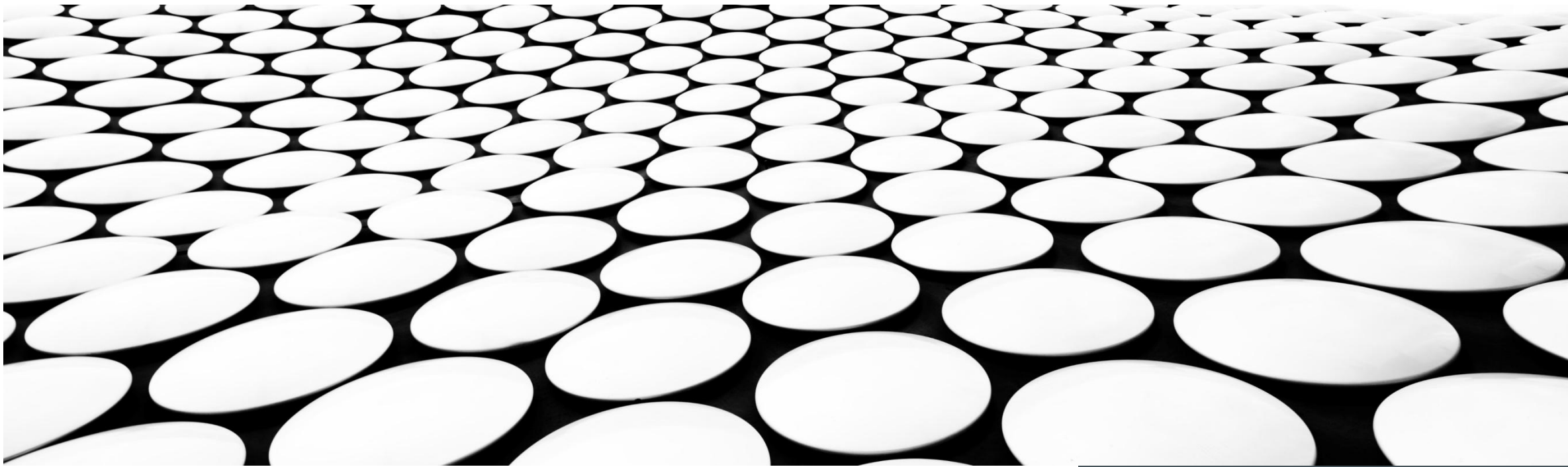

LED SOLUTION

SHANGHAI ONBON TECHNOLOGY INC.



PRODUCTS

- BX-Y - High performance asynchronous full color controller
- BX-C - High cost -effective asynchronous full color controller
- BX-6E/6M/XW - non-gray level asynchronous controller
- BX-6K - Font controller
- BX-Z - 4G CAT1 controller
- BX-JT - Traffic controller
- BX-6X - MODBUS controller

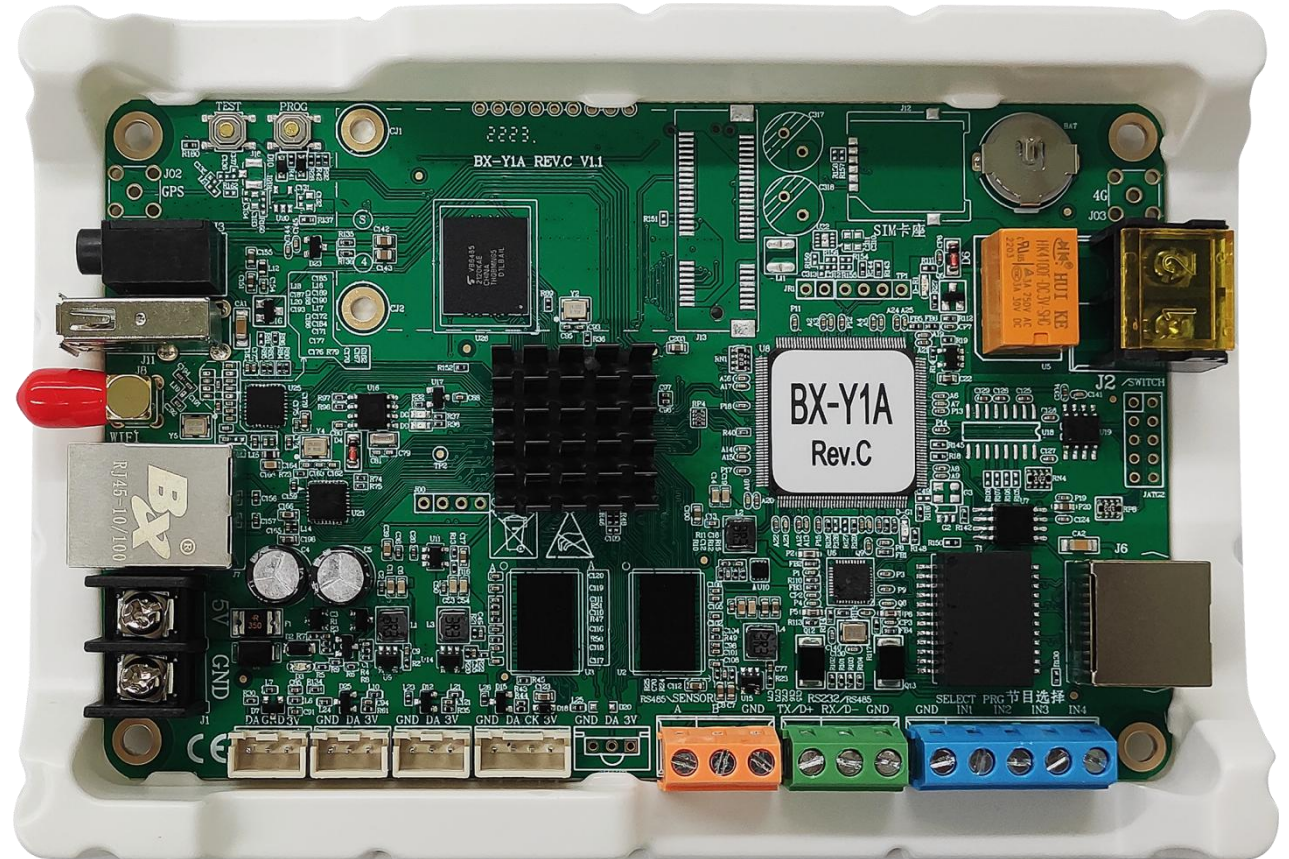


Y/C SERIES PLAYER

FULL COLOR ASYNCHRONOUS CONTROLLER

Y/C FULL COLOR ASYNCHRONOUS CONTROLLER

- Industrial-grade LINUX system, long-term operation without crashing
- Ultra-long bandwidth, up to 30720 for a single card
- Up to 4 I/O inputs on board to meet various scenarios
- On-board relay
- Support serial communication
- Support low latency dynamic zone
- Support NTP multi-screen synchronization
- Support various sensor access
- Support MQTT protocol
- Support TTS voice playback
- Support communication encryption
- Support HDMI input/output (same asynchronous integration)
- Support LCD screen
- Support traffic protocols such as Sanshi
- Supply SDK (windows, linux, android, ios, etc.)



APPLICATION - HIGH-SPEED RAILWAY STATION



车次	始发站	终到站	开点	检票口	状态
Train	From	To	Time	Check in	Status
Z225	北京丰台	合肥	21:59	4A,4B	正在检票
K1457	北京丰台	通辽	22:08	18A,18B	正在检票
K1456	石家庄	通辽	22:08	18A,18B	候车
1303	北京丰台	郑州	22:27	6A,6B	候车
K601	北京西	太原	22:38	15A,15B	候车
Z349	北京丰台	青岛北	22:50	7A,7B	候车
K1901	北京	日照西	23:30	8A,8B	候车
K609	北京丰台	韩城	23:44	5B	候车
开车前5分钟停止检票				2022/6/18 21:47	



- Using Y-Series Controllers
- Seamless integration with the TSS platform has been achieved
- Linux system, safe and stable, 365 days of non-stop operation, no failure
- Working with many high-speed railway station of China

APPLICATION - INTELLIGENT CAR



Unmanned vehicles of jingdong

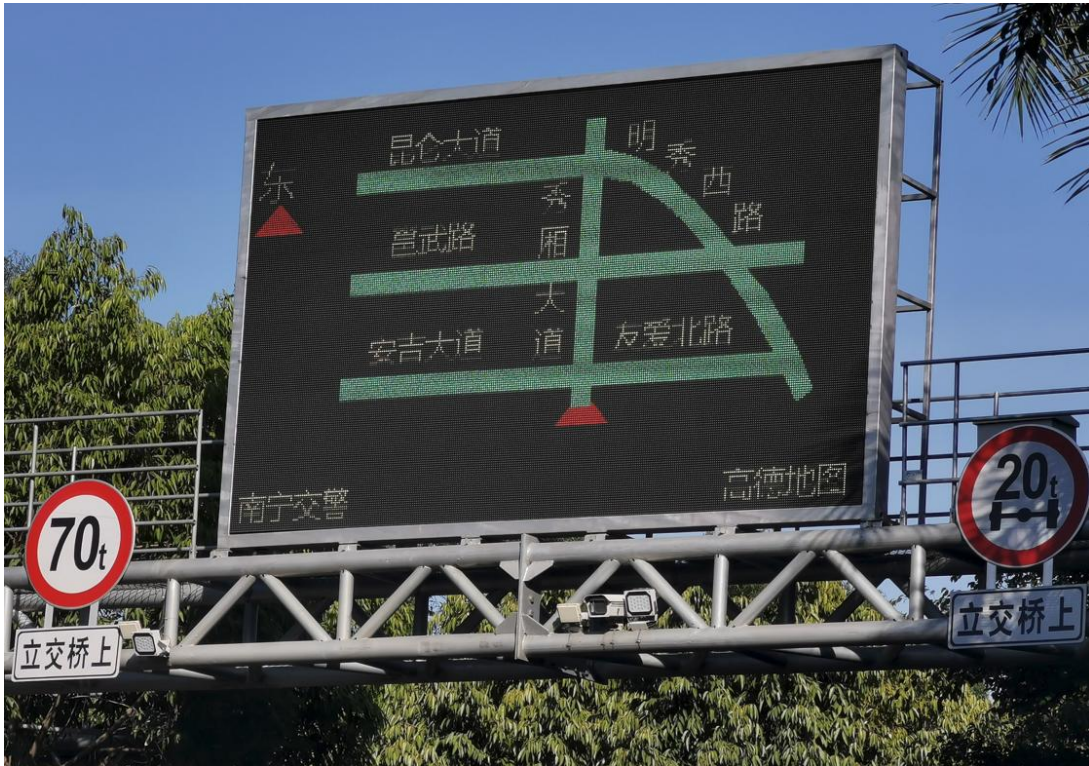
Use Y08A, RS485 serial communication
Support vector font and picture display



Unmanned vehicles of baidu

Use Y08A, network port communication
Support Gif, video playback, and fast switching of programs

APPLICATION - TRAFFIC GUIDING SCREEN



It can be seamlessly connected with Baidu Polaris, Gaode Map and other data. No need to develop, just a simple configuration, you can achieve a variety of road information display.

APPLICATION - TRAFFIC LIGHTS



Using I/O and traffic light connection, you can realize the program to follow the traffic light fast switching



Use RS485 interface to connect to the signal machine to realize functions such as 9-second countdown

APPLICATION - BUS



Bus front/rear screens

Support Android SDK
Easy communication with LCD master



Bus rear screen

Use low latency dynamic zone to achieve precise synchronization with traffic lights
Low-latency video streaming for synchronized display of real-time video in front of the vehicle

APPLICATION - SIDEWALK CAPTURE



- Directly connected to the camera, capture data from the camera and display
- Use I/O to connect with the traffic light, and switch the corresponding program according to the traffic light status
- Support video stream display

APPLICATION - PARKING GATES



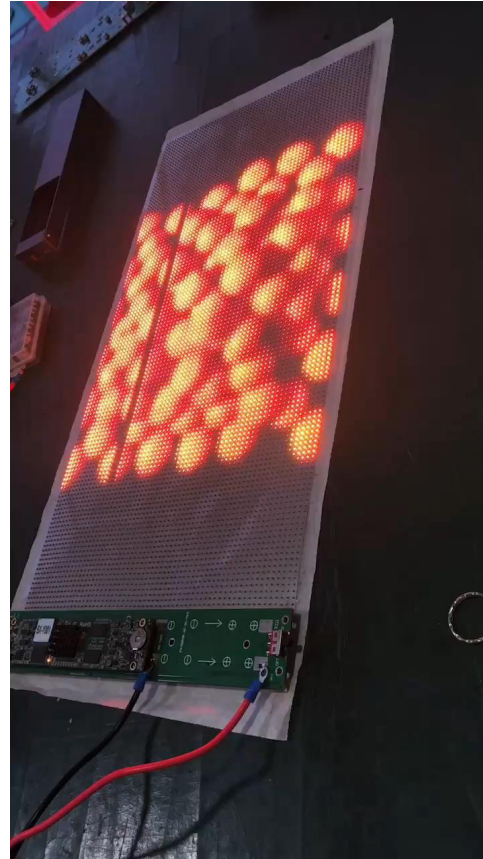
- Display content linkage with road gates
- When the gate is horizontal, the horizontal advertisement is displayed
- When the gate is vertical, automatically switch to the corresponding vertical screen advertising

APPLICATION - SMART STREET LAMP



- On-board 8-way V75 interface
- On-board relays
- Supports NTP multi-screen precision synchronization
- Support MQTT protocol
- Support JSON partitioning
- Support various sensors and status monitoring

APPLICATION - TRANSPARENT / FILM SCREEN



- Small size design
- Support network port and WIFI communication
- Support all kinds of transparent screen and film screen
- Support braking, steering, reversing and other signal access

APPLICATION - SUPER LENGTH SCREEN



- Super-length asynchronous solution
- Width up to 30720 on a single card
- Video and photos display smoothly with super-length loading



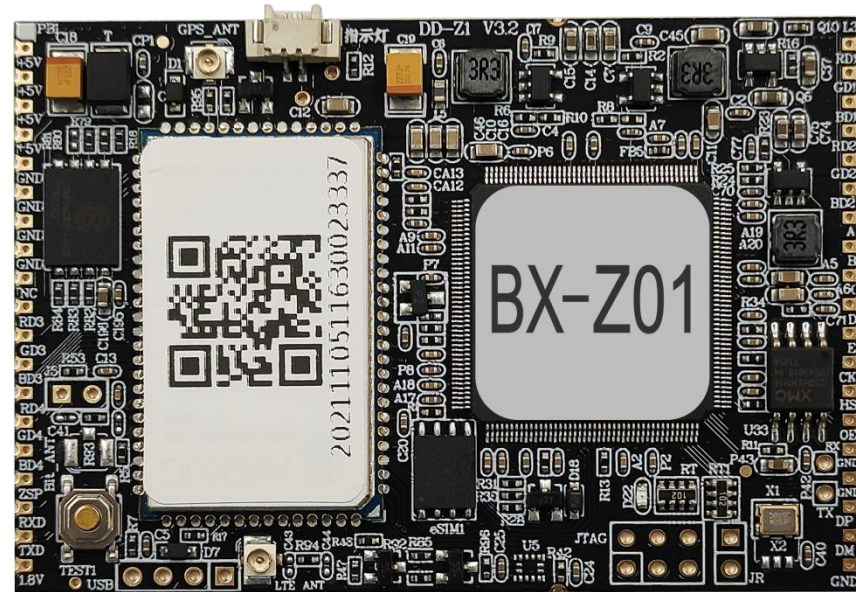
Z SERIES CONTROLLERS

HIGH COST EFFECTIVE 4G CAT1 WIRELESS SOLUTION



Z SEREIS CONTROLLER FEATURES

- 4G CAT1 module as standard
- Multiple board types for multiple APPLICATION
- Support MQTT protocol
- Support picture and GIF animation display
- Support vector font
- Support dynamic area
- Support English and Chinese voice broadcasting
- Support Bluetooth communication
- Support GPS positioning
- Support various full-color modules

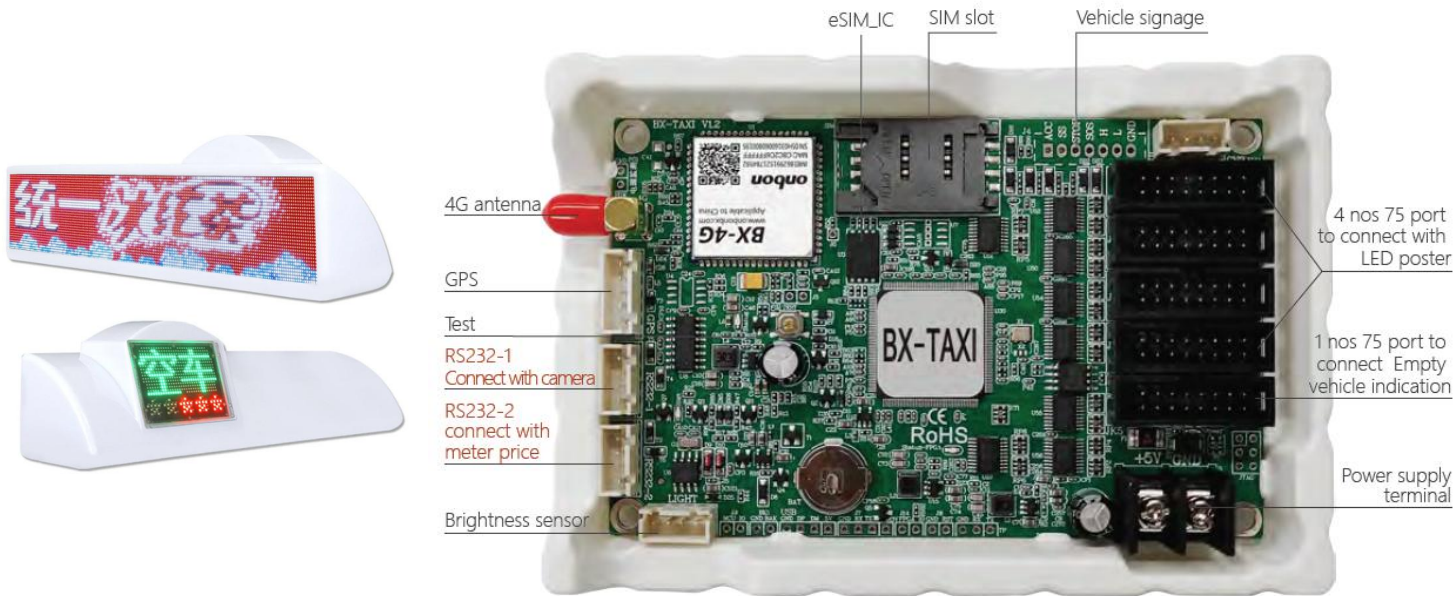


APPLICATION - SMART BACKPACK



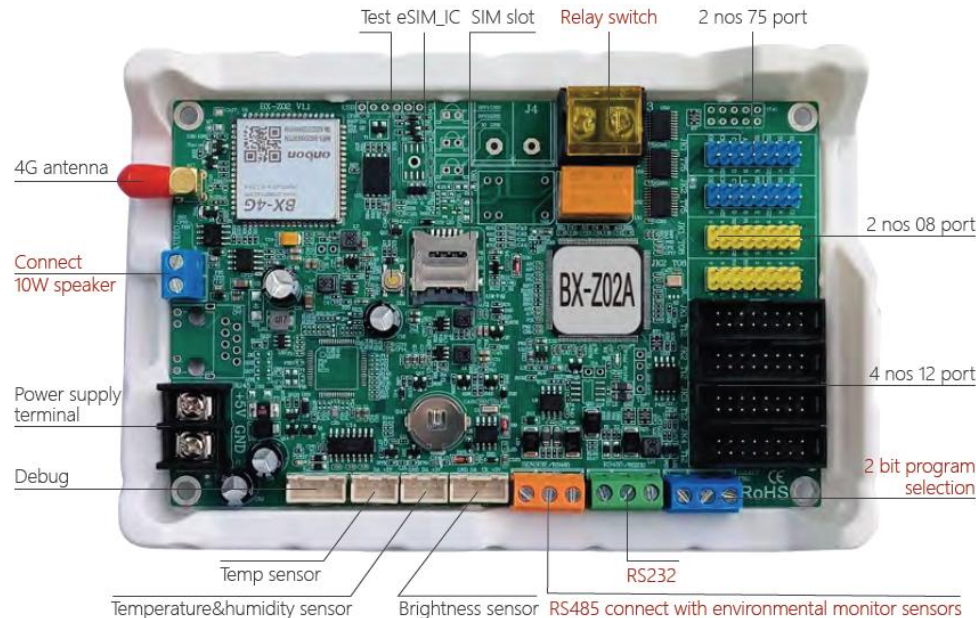
Miniature design with stamp hole, support GPS location
Expandable Bluetooth control
Support picture and gif motion display
Exclusive APP

APPLICATION - TAXI SCREEN



- 4 groups of 75 interfaces
- 1 set of special interfaces for empty car screens
- Support MQTT protocol
- Support picture and GIF animation display
- Support English and Chinese voice broadcasting
- Support GPS positioning
- Support electronic fence
- Support direct access to signals such as empty car, reversing car, brake, etc.

APPLICATION - BUS STOP / PARKING SCREEN



- 2 sets of 75 interfaces
- 2 sets of 08 interfaces
- 4 Group 12 Interfaces
- On-board relay switch
- Support English and Chinese TTS voice announcement
- Support various sensor access
- 2-bit program selection input



BX-JT SERIES CONTROLLER

TRAFFIC LIGHT SPECIAL CONTROLLER

APPLICATION - TRAFFIC LIGHT LINKAGE



- Supports connection with various types of signal machines
- Flexible configuration of the content to be displayed in various states
- Support signal self-learning and self-following
- Support countdown function

APPLICATION - 人行道光带屏



- Single controller support all functions
- Direct connection with signal machine 220V signal
- Simultaneously control the display of text screen and light band screen
- Program content follows the signal light to automatically switch
- Support TTS voice broadcasting



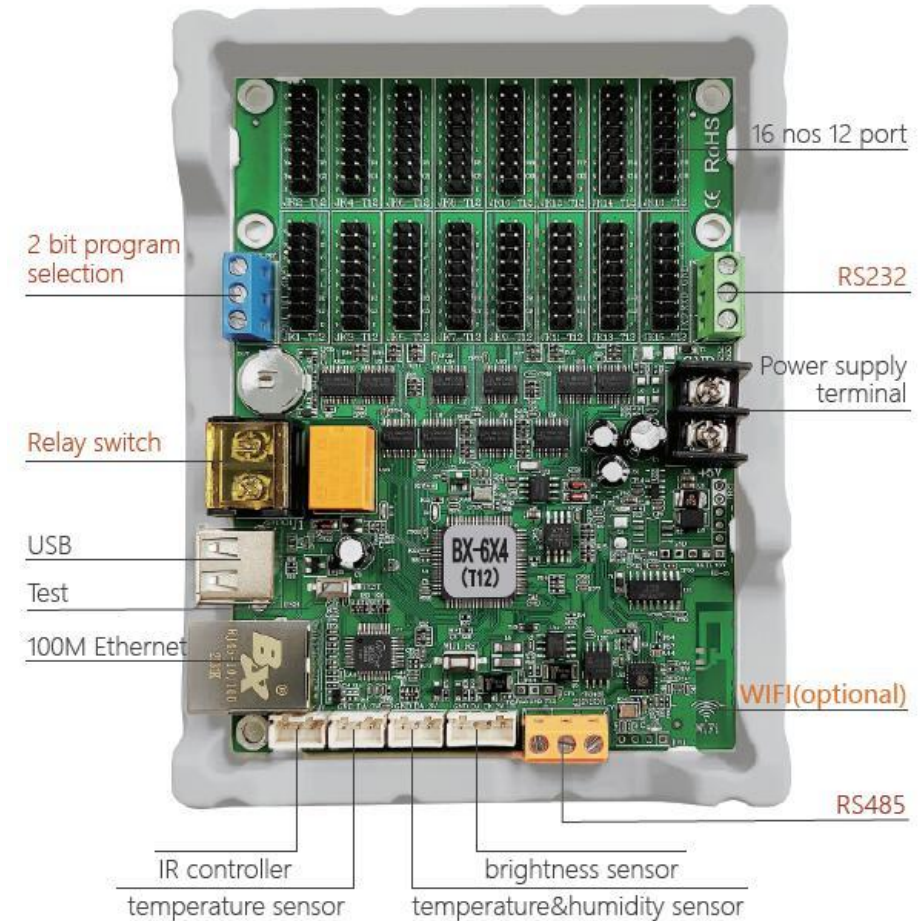
MODBUS SERIES CONTROLLERS

BX-6X/Y1M



MODBUS CONTROLLER FEATURES

- Standard MODBUS interface
- Seamless connection to PLC
- Support for serial and network port communication
- MODBUS master/slave mode support
- Supports automatic data conversion and display
- No secondary development, simple configuration to connect with various industrial equipment, DCS system, environmental data acquisition instrument, etc.



APPLICATION - DCS SYSTEM/PRODUCTION LINE STATUS BOARD



生产状态显示看板

2016年01月08日 星期五 10时02分42秒

序号	状态	序号	状态	序号	状态	序号	状态
01机	中断	07机	中断	03人	中断	09人	中断
02机	中断	08机	中断	04人	中断	10人	中断
03机	中断	09机	中断	05人	正常	11人	中断
04机	中断	10机	中断	06人	中断	12人	中断
05机	缺料	01人	中断	07人	中断	13人	中断
06机	中断	02人	中断	08人	中断	14人	中断

源智能科技有限公司



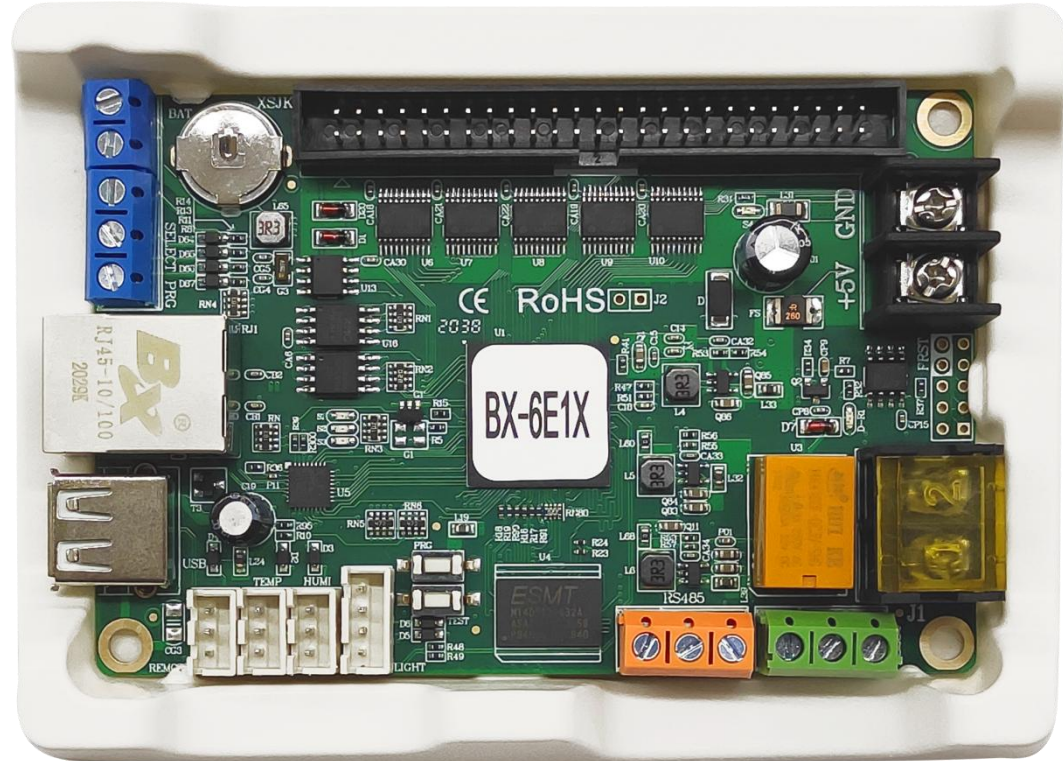
SINGLE/DUAL COLOR CONTROLLER

BX-6E/6M/6K



6E SERIES CONTROLLER FEATURES

- Stable performance
- Can be used under various complex networks
- Supports strong encryption for communication
- Support dynamic zone
- Supports 4 IO inputs
- On-board relay control
- Support serial communication
- Expandable WIFI/4G/TTS module
- Complete SDK



APPLICATION - BANK SCREEN



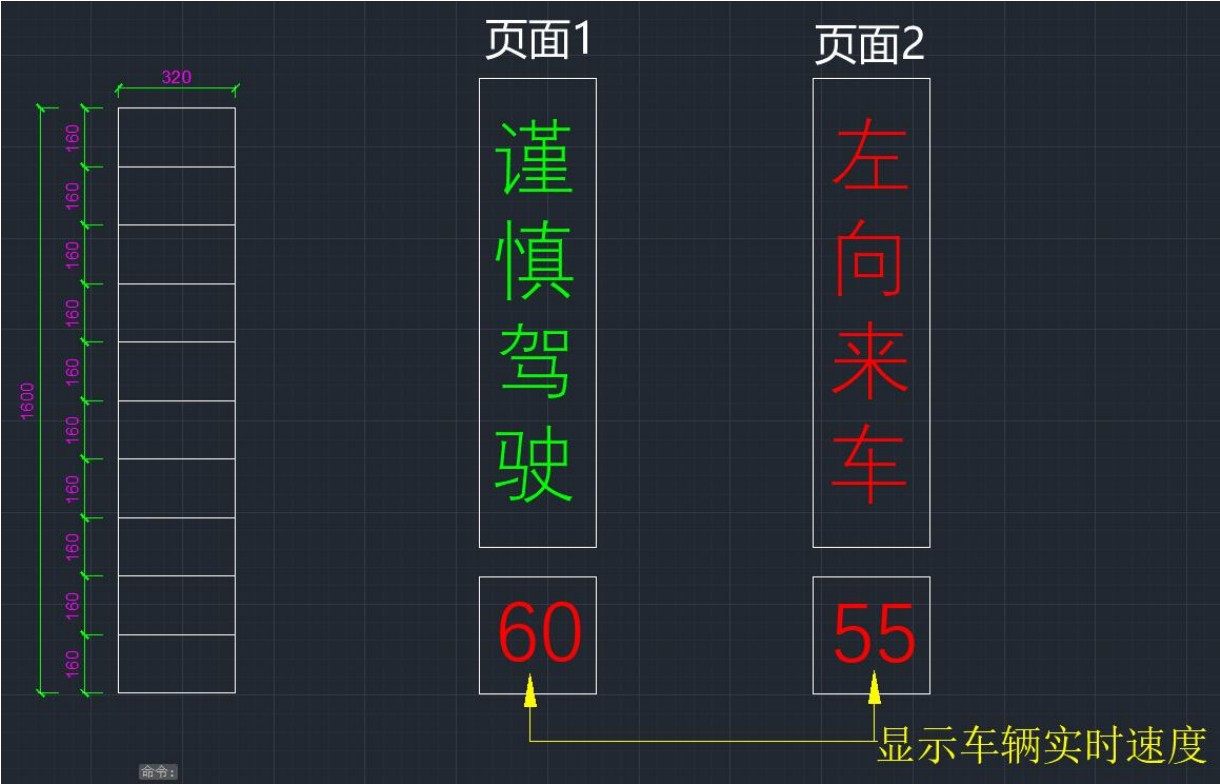
- Support ultra-long carrying capacity
- Support strong encryption of communication, high security
- Widely used in various banking systems, ready to use

APPLICATION - ETC/GANTRIES



With the BX-6E series controller, a numeric keypad is available as an option. Quick switching of various states is possible without development.

APPLICATION - RADAR SPEED MEASUREMENT



APPLICATION - SMART LOGISTICS/PRODUCTION STATUS BOARD

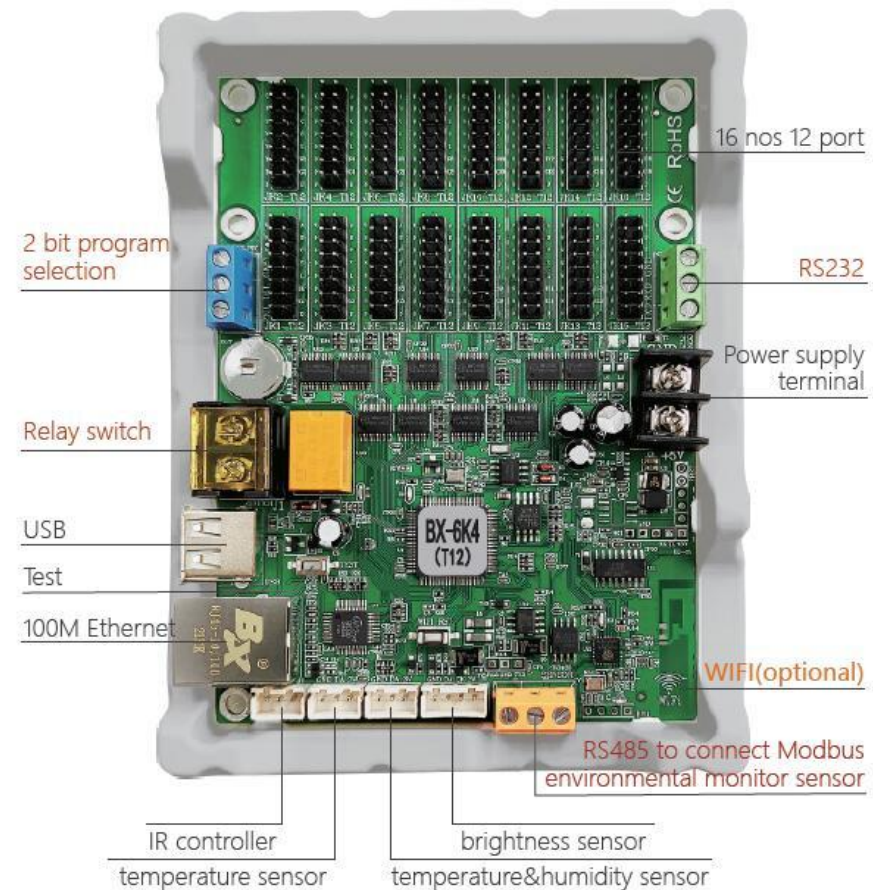


No	生产线	异常项目	开始时间	累计时间
1	ASA1	社内品质	16:14:51	16:52:32
2	ASA1	集货延迟	09:34:38	16:52:32
3	PC24	社内品质	13:45:01	16:52:32

BX-6E series support low delay dynamic zone

6K SERIES CONTROLLER FEATURES

- Standard font controller
- Robust communication protocol
- Complete SDK
- Dynamic zone support
- Support multi-language, multi-font display
- Support TTS voice broadcast



APPLICATION - DEVICE CONNECTION / SENSOR DISPLAY



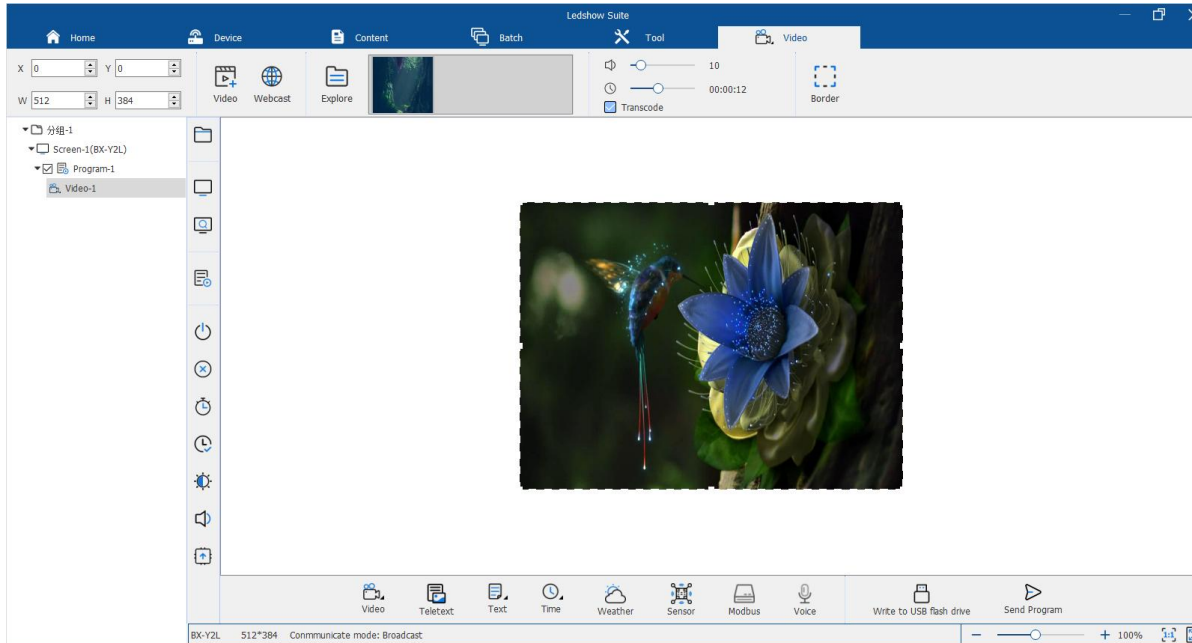


SOFTWARE AND PLATFORM

LEDSHOW/ILEDCLOUD/ILEDSYS



LEDSHOW SUITE



- Newly designed UI, easier to use
- One set of software, support all series of controllers
- Cross-platform design
- Support Kirin, Unisys OS and other domestic operating systems