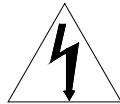
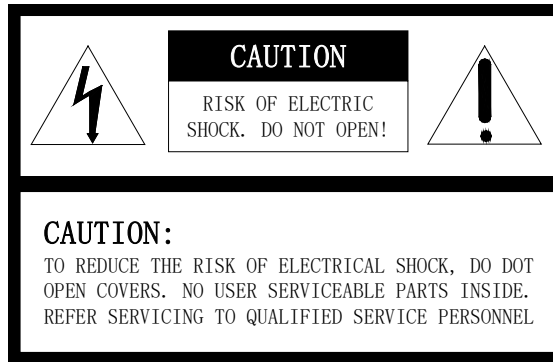




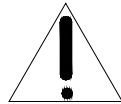
Manual Operation for Intelligent 7" Car Display Vehicle Control Keyboard

<http://iotsmartsolutions.net>

SAFETY PRECAUTIONS:



The lightning flash with a arrowhead symbol, in an equilateral triangle, is intended to alert the user. There is uninsulated “dangerous voltage” presence near by the product’s enclosure which may be risk of to persons .



The exclamation point within an equilateral triangle is intended to alert the user to reference of the important operating and maintenance (servicing) instructions .

THE PRODUCT CODE MARKED ON THE BOTTOM COVER. PLEASE FILL THE CODE IN THE FOLLOWING BLANK. PLEASE SAVING THIS SPECIFICATION CAREFULLY, SO THAT CHECKING.

MODEL: _____

PRODUCT CODE: _____

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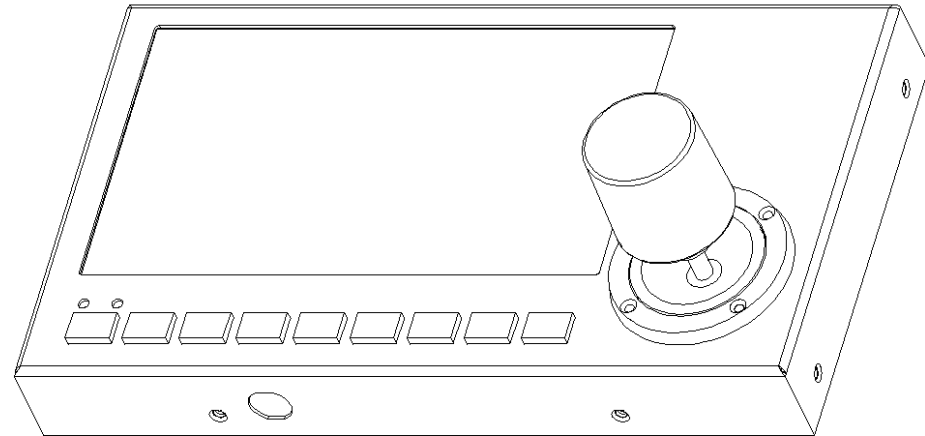
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1. Interface

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I. Instruction:

A full-function system keyboard match with intelligent PTZ camera, Decoder. The keyboard display has 7 inch industrial display screen, which can access MDVR or MNVR, hard disk recorder and so on, AV signal can be displayed, some models supports multi channel video input, or VGA/AHD/ network signal input. The EIA / RS-485 interface is adopted between the control bus of the keyboard display and the receiver. In the absence of bus driver, a keyboard can control multichannel PTZ, Elevator or decoders. and the maximum communication distance reaches 1Km between the

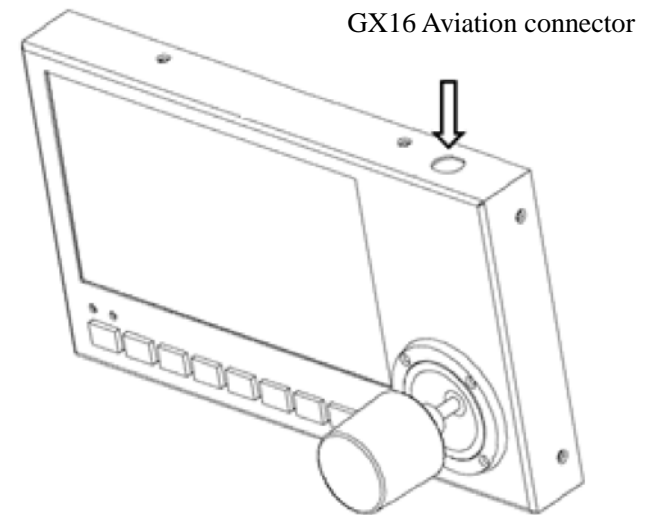
keyboard display and the receiver. At the same time, the built-in control keyboard can be used to control the variable speed PTZ camera and the elevator conveniently, and the terminal decoder, and other front end equipment such as camera ,PTZ, lens, light, wiper, elevator and so on can be directly controlled.

II. Function description

- ◆ Integration of monitor and control, Resolution: 1024*600
- ◆ Aviation interface, Simple and stable
- ◆ It can be used to control vehicle PTZ camera, fixed ball, etc.
- ◆ It is used to control the movement of PTZ, change with the joystick and smoothly change .
- ◆ It is used for setting and calling the preset position of the PTZ camera. A total of 12 preset positions
- ◆ controlling the image multiplier for the camera

III. Introduction of interface and panel board

1. Interface introduction

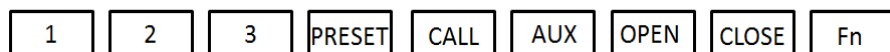


Note:

The interface location of some keyboards may be adjusted. Please be practical.

Some Keyboard with VGA input, the VGA cable will be extracted separately. Please take the actual product as the criterion.

2. Introduction of key function



1) Set baud rate: The keyboard uses standard PELCO-D protocol, baud rate is 2400/9600. The default is 9600. Pressing the CALL key for 3 seconds, and the buzzer gives a tone of 2400. Then press the CALL key for 3 seconds again, and the buzzer gives two tones of 9600.

2) Indicator light: The red light on the left is always bright for the power signal.

The right blue light is: 9600, the red light is: 2400

3) Mute settings: Press the OPEN key for 3 seconds, the system is mute, and then press 3 seconds to release the mute.

4) 1, 2, 3: 1/2/3 number keys can be set to 1/2/3/11/12/13/21/22/23 /31/32/33 respectively. total: 12 addresses, factory default address code: 001

5) PRESET: Set preset points, long Click to clear preset points and work with number keys

6) CALL: Preset point call work with digital key

7) AUX: Multifunction key

8) FN: Extended function key
(if dual video input, the AV1/AV2/AV1+AV2 display mode is switched.)
(if AV+VGA input, the AV/VGA display channel switch)

IV. Technical parameter:

Product Name	Description
Video input	AV/VGA/AHD
Aviation interface	8pin composite interface
Monitoring screen	7 inch LED back light
Resolution	1024*600
Brightness	350nit
Rocker	Three dimensions
Preset point	Max support 12pcs
Aperature adjustable	Support
Baud rate	2400/9600 adjustable
Working voltage	12V
Consumption	<6W
Temperature	-15°C ~ +60°C
Humidity	10%-95% (No condensation)
W*D*H	230*130*30.5
Weight	600g

V. Attach: Compound Aviation Line:

8 cores: GX16

Pin	1	2	3	4	5	6	7	8
Defin ition	12V in	GND	485+	485-	V1in	Note	Note	Note

