onbon 仰邦科技

Specification for

BX-VSA sending card

Version ： V1.0   Date：2021.8.30

Description

The BX-VSA video sending card adopts Gigabit network control technology, which can be applied to various screens with a load index of 1.3 million pixels.

The product structure is simple, easy to install, protocol-free docking, suitable for synchronization solutions such as light pole screen smart gateways.

The BX-VSA video sending card includes 1 HDMI input, 2 Gigabit Ethernet output interfaces, 1 brightness sensor and 1 RS485 interface, and can be designed as an RS232 communication interface according to project requirements.

Features

◆ Single device can load 1.31 million pixels, the maximum horizontal is 3840 pixels, and the maximum vertical is 2500 pixels;

◆ Integrated 2 Gigabit Ethernet port output

◆ Support 1 HDMI input;

◆ Support 1 channel brightness sensor;

◆ Support 1 RS485 interface, and can be designed as RS232 communication interface according to project requirements.

PARAMETERS

Input video source	
HDMI×1	VESA standard：1920x1080@60Hz below compatible，HDMI 1.4

Video output	
NET×2	2 Gigabit Ethernet port output, connected to the LED display through the network cable, directly connected to the receiving card; Maximum is 1.31 million pixels,width≤3840，height≤2500；

Audio input	
AUDIO_IN	3.5mm Analog audio input interface

Other port	
LIGHT	Brightness sensor port
RS485/ RS232	RS485 port（RS232 is optional）

Complete device specification	
Input voltage	5V（3.3V～6V）
Power	≤6W
Working temperature	-40℃~80℃
Environmental humidity	10%~90%
Operate software	LedshowTV、OVP Builder
Weight	About 100g

DEMENSION
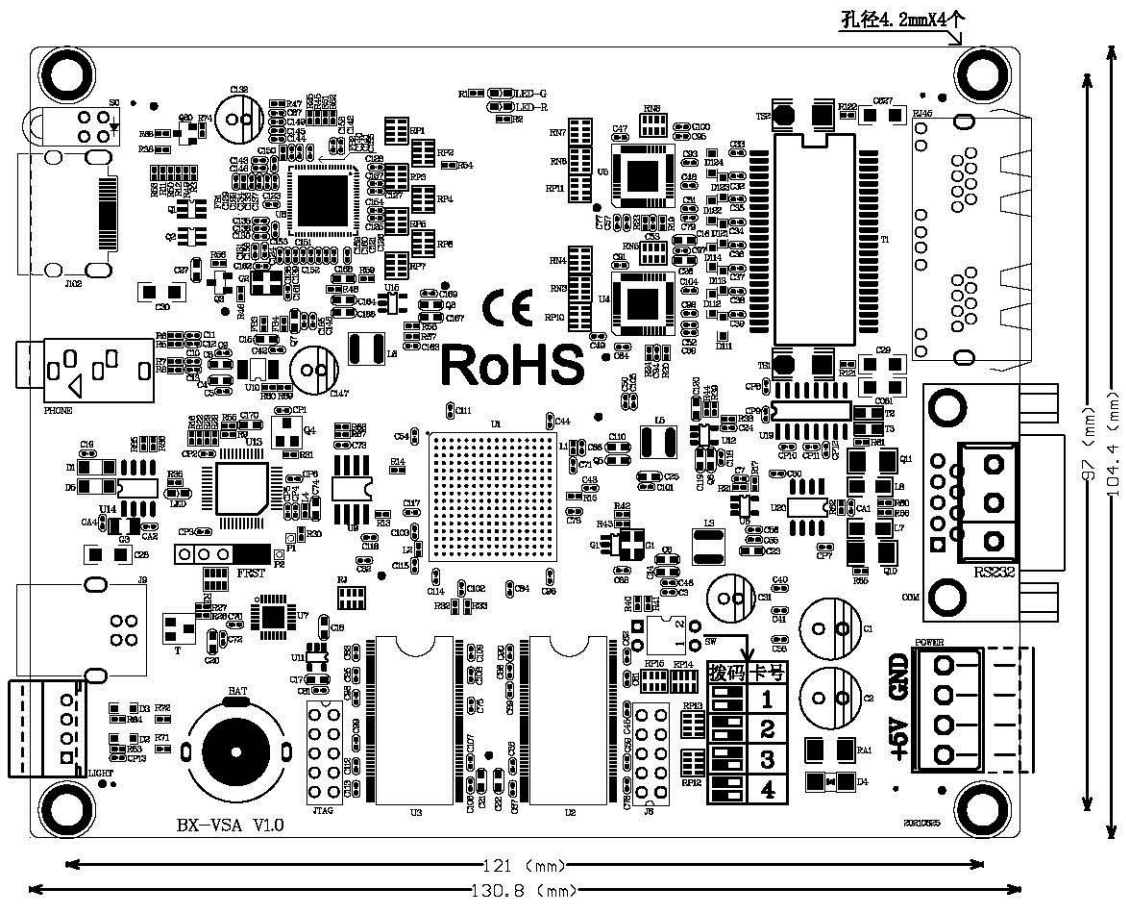
Interface ports
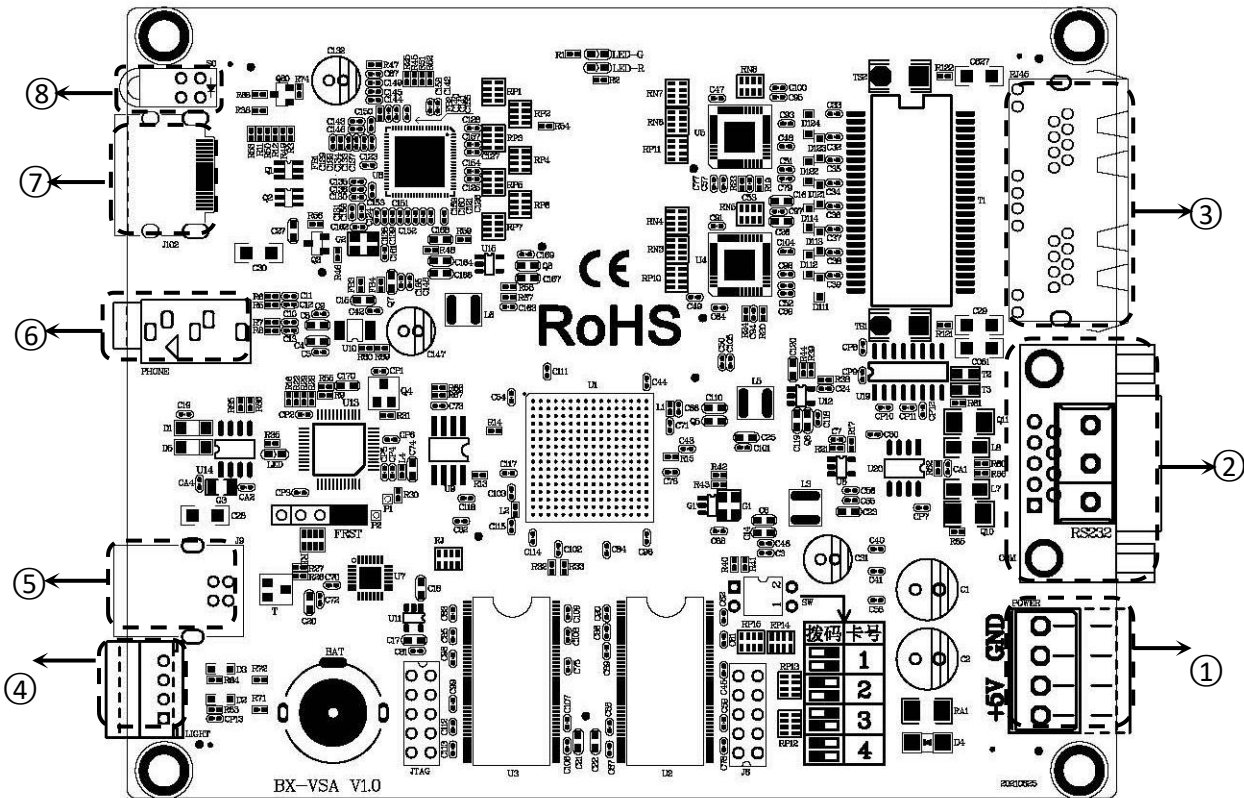
Interface		
1	Power socket	5V power supply，DC voltage input，nominal voltage 5V，support 3.5V ~ 5.5V
2	RS485	Default is RS485 port， RS232 is optional
3	Ethernet port	Gigabit Ethernet port to connect with receiving card
4	LIGHT	Brightness sensor port
5	USB	USB serial port, use for debug
6	Audio input	1 Channel 3.5mm stereo
7	HDMI	HDMI external input
8	Indicator light	Red light: power indicator; Green: indicates the signal indicator

CONTACT US

Shanghai ONBON Technology Co.,ltd (Headquarters)

Address: 7 Floor, Tower 88, 1199#, North Qinzhou Road, Xuhui District, Shanghai City, China
Tel:0086 15921814956
Website: www.onbonbx.com

ONBON (Jiangsu) Optoelectronic Industrial Co.,LTD

Factory Address: 1299#, Fuchun Jiang Road, Kunshan City, Jiangsu Province, China

Sales Contacts

Tel: 0086-15921814956 0086-15800379719
Email: onbon@onbonbx.com
Second Development Tel: 0512-66589212
Email: dev@onbonbx.com

iLEDCloud

Website: http://www.iledcloud.com/