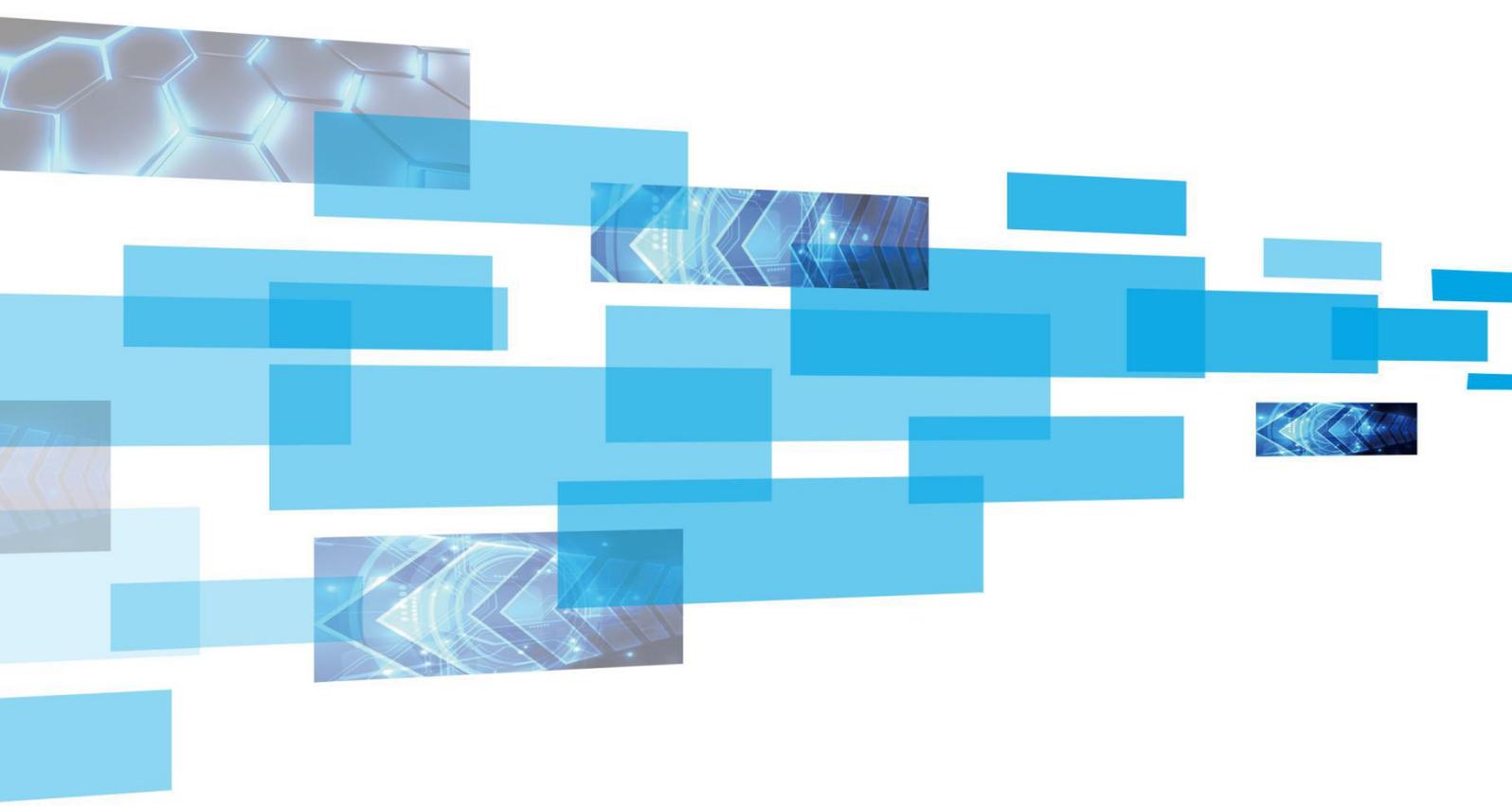




Univisal Receiver

D90-75



Product Datasheet

Version No.1.0

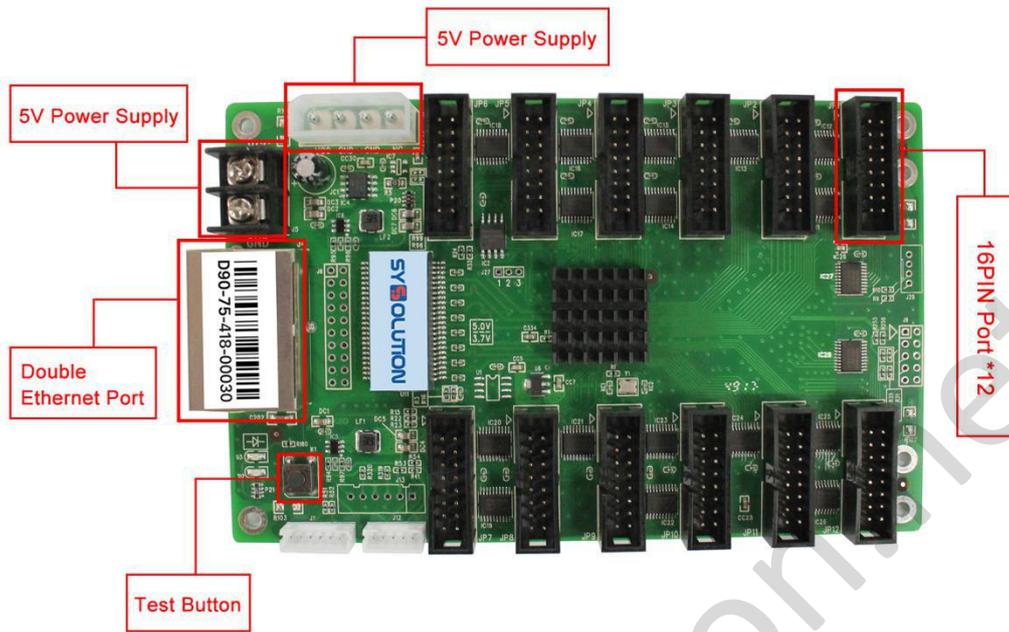
Document ID:SYS/C3-010300608

Update Record

No.	Version No.	Updates	Revision Date
1	1.0	Initial issue	2018.04.01

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Appearance

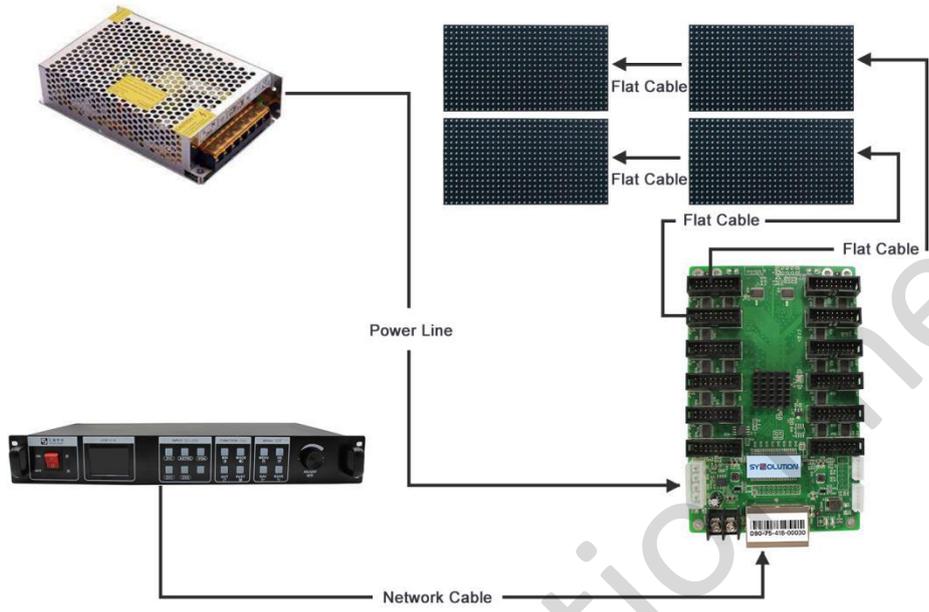


Unival Receiver D90-75

Technical Parameters

Features options	Typical value	Maximum value
Supported screen type	Single/dual/full color screens real/virtual pixel	
Supported receiving card quantity, cascading by single network cable	<1000	1000
Supported resolution by one receiving card	128*128	96K pixels
RGB output group of one receiving card	24	24
Lines of one set of RGB driver	1/2/4/8/16/32	1~32
Optical fiber transmit distance	Multi-mode optical fiber: 500Meters; single module optical fiber: 10KM	
Other features	10b video source, LED display self-detecting, OE protection	
Working current	0.6A	1.0A
Working temperature	-10°C - 65°C	
Extreme working temperature	-20°C - 75°C	
Working humidity (%)	0%-95%	

Connection



Performances

D90-75 is new product promoted by XIXUN company, with tiny size but high

standard universal receiving card, it has following features:

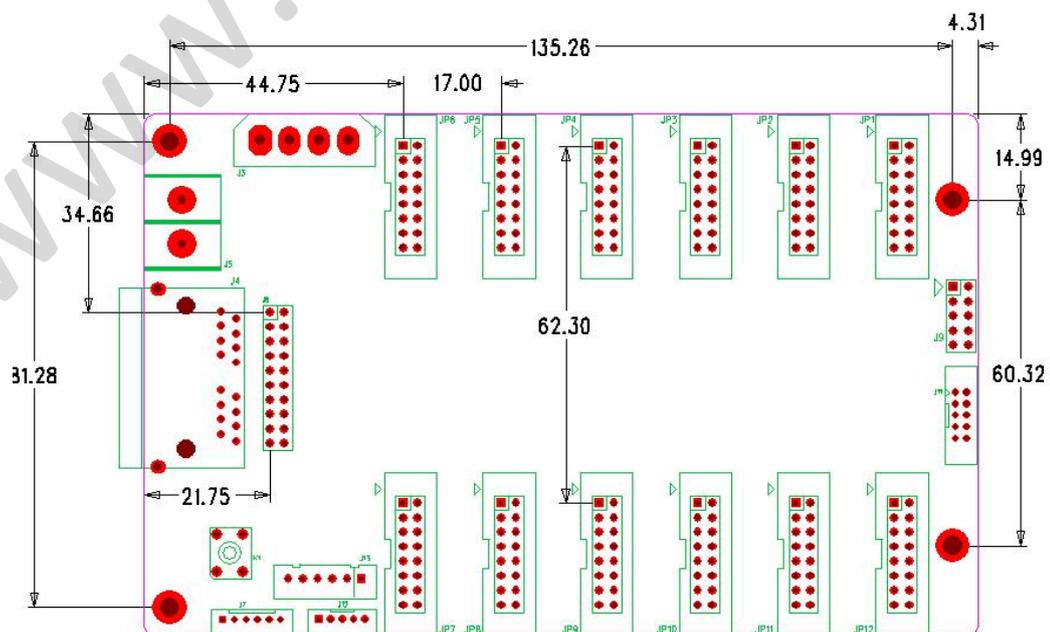
1. 26 sets of RGB output;
2. Support 8/10BIT modes of input image gray level;
3. Output Maximum 20BIT gray level;
4. Support 96K pixels of single receiving card;
5. Wide voltage input range, input voltage range: +3.5V---+5.5V;
6. High refresh rate, high brightness and high gray level for general driver ICs;
7. Support read-back parameters from receiving card;
8. Dual backup for the network cable and support data detecting of ribbon cables;
9. Support cabinet temperature and humidity detection, power supply voltage detection, and fun for cabinet;
10. Support to debug point by point for the brightness and chroma;
11. Support variety of driver ICs including PWM IC, point by point detecting IC and general IC;
12. Support parameter detection for all of receiving cards;
13. RoHs and CE-EMC compliant.

Definition of Output Port

Pin	1	3	5	7	9	11	13	15
Definition	R0	B0	R1	B1	A	C	CLK	OE
Pin	2	4	6	8	10	12	14	16
Definition	G0	GND	G1	E	B	D	LAT	GND

Note : E signal, can be line blanking control pin when led module scanning type within 1/16. When led module scanning type > 1/16, it will be E signal.

Dimension and Connector Definition



1 . J7 Definition

Pin	1	2	3	4	5	6
Definition	+5V	GND	SDA	GND	SCL	+5V

2 . J12 Definition

Pin	1	2	3	4	5
Definition	GND/KEY-	KEY+	POW_LED(R)-	+3.3V/LED+	STA_LED(G)-

3 . J13 Definition

Pin	1	2	3	4	5	6
Definition	KEY+	KEY-/GND	POW_LED+	POW_LED-	STA_LED+	STA_LED-

Notes



1. Please follow this instruction exactly.
2. Professionals are needed to install and test the product and has to be anti-static.
3. Keep away from water.

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