

Specifications

Receiving Card MRV336

General

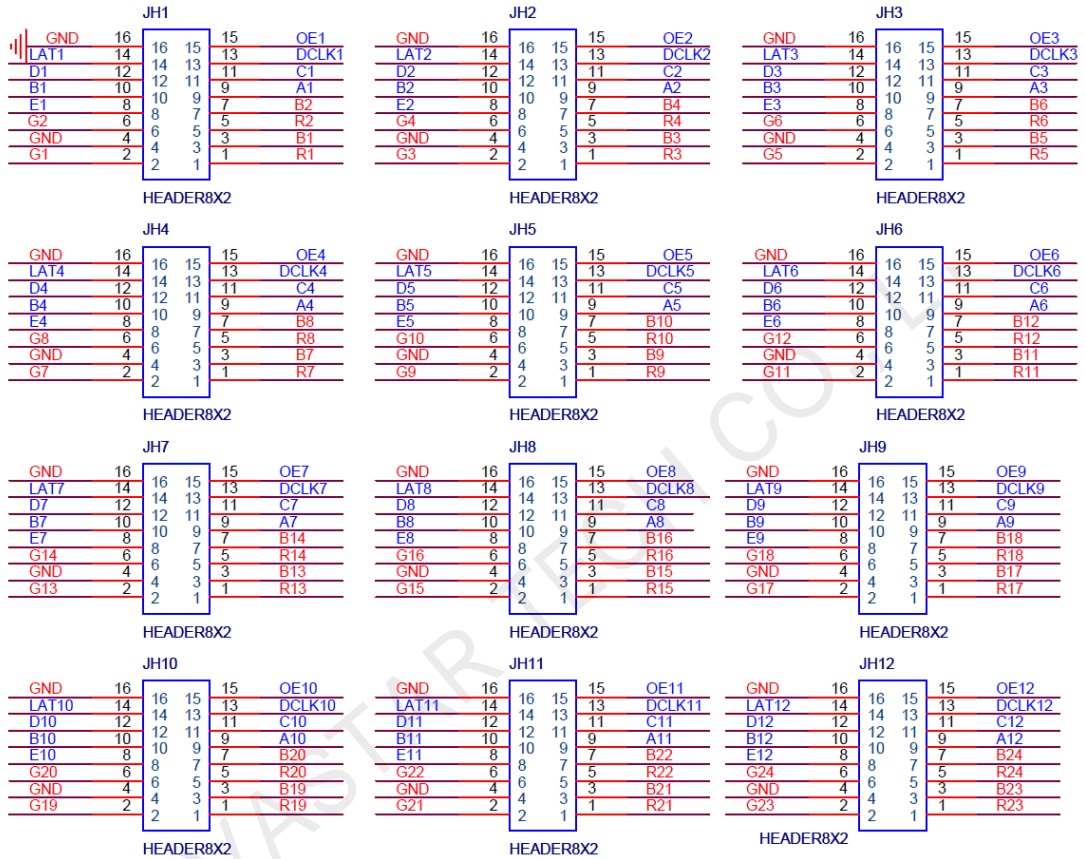
MRV336 is the 24 Groups data receiving Card of Nova M3 series which is without HUB.

Features

MRV336		
Functions	<ul style="list-style-type: none"> ▪ Integrated 12 standard HUB75 connector, without the HUB structure; 	
	<ul style="list-style-type: none"> ▪ Support 1/32 scan mode; 	
	<ul style="list-style-type: none"> ▪ Single card outputs 24-group of RGB data; 	
	<ul style="list-style-type: none"> ▪ Single card support resolution 256x226; 	
	<ul style="list-style-type: none"> ▪ Support configuration file readback; 	
	<ul style="list-style-type: none"> ▪ Support temperature monitoring; 	
	<ul style="list-style-type: none"> ▪ Support Ethernet cable communication status detection; 	
	<ul style="list-style-type: none"> ▪ Support power supply voltage detection; 	
	<ul style="list-style-type: none"> ▪ Support high gray scale and high refresh rate; 	
	<ul style="list-style-type: none"> ▪ Support pixel by pixel brightness and chromaticity calibration. Brightness and chromaticity calibration coefficients for each LED; 	
	<ul style="list-style-type: none"> ▪ Support pre-store picture setting; 	
	<ul style="list-style-type: none"> ▪ Comply with EU RoHs standard. 	
Power requirements	Limit voltage	3.0~6.0V
	Operating voltage	3.3~5.5V
	Operating current	0.45~0.55(Rated 0.5A)
Operating Environment	Temperature	-4~158°F (-20~70°C)
	Humidity	10%-90% no-condensing

Output interface definition

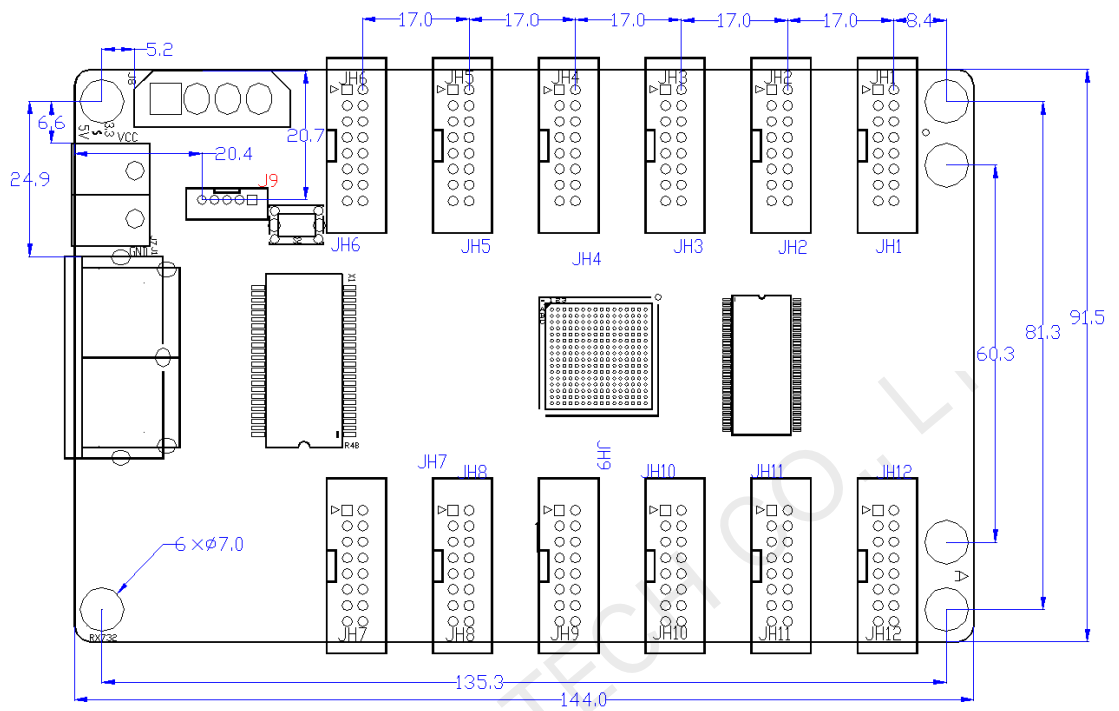
This receiving card has 12 16Pin standards HUB75 output, and the definition is as follows:



JH1

1	R1	G1	2
3	B1	GND	4
5	R2	G2	6
7	B2	E1	8
9	A1	B1	10
11	C1	D1	12
13	DCLK1	LAT1	14
15	OE1	GND	16

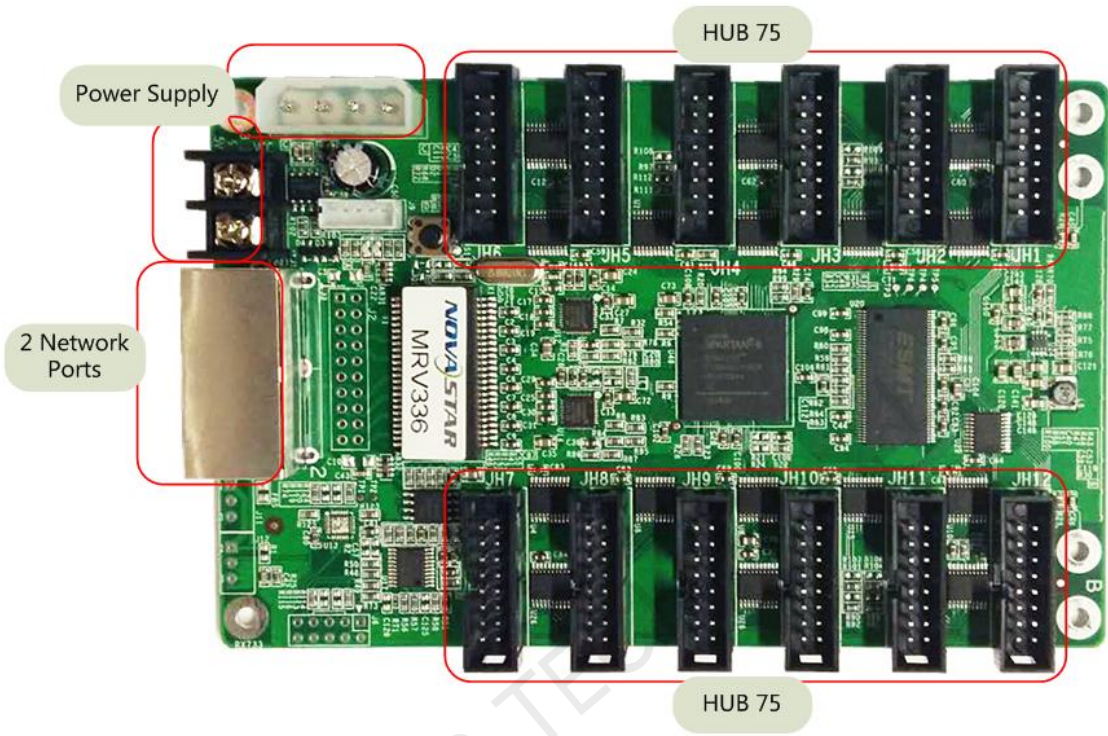
Dimensions (Unit: mm)



J9 definition (Indicator Socket) :

1	2	3	4	5
STA_LED	LED +/3.3V	PWR_LED -	KEY +	KEY -/GND

Surface introduction



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