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**P40 full color LED Video Wall
Outdoor
User's Manual**

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I. Package list (for 1 cabinet only)

Item	Num	Unit	Note
Receiving Card	1	pc	Embedded in module
power supply	1	unit	Embedded in module
Module	1	unit	16 x 32 pixels
AC cable	1	pair	Waterproof connection
UTP cable	1	pair	Waterproof connection

Annotate: ①Module: also called unit panel, the dimension is 640mm×1280mm.
 ②The unit panel include receiving card and power supply which embedded in the unit.



P40 Video Wall Unit



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II. Guide of LED Video Wall electric connection

1. System connection diagram

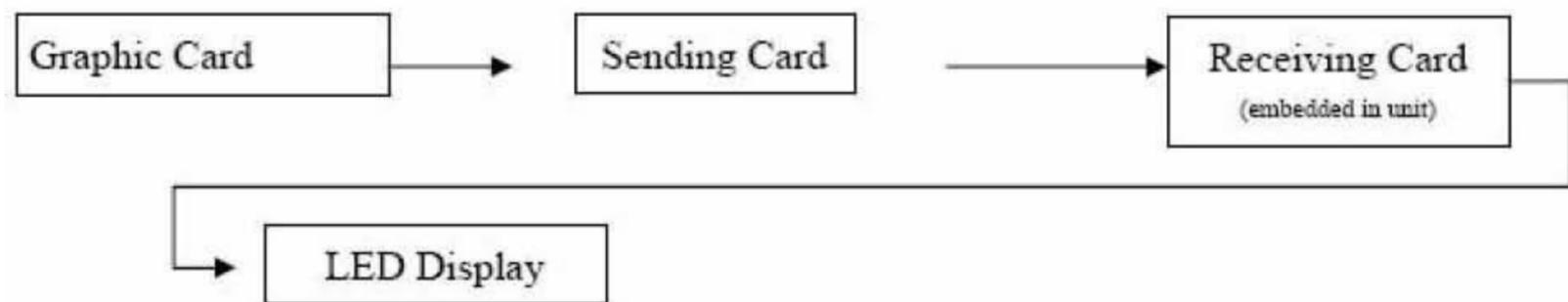


Fig III-1

2. Connecting instructions

Connection of UTP and AC cable

Every unit has one pair power cords with waterproof connectors (one male and one female), for input power from previous unit and output to next unit. (Refer to figure III-2.)



FigIII-2



Every unit has one pair data cables with waterproof connectors (one male and one female), for input data from previous unit and output to next unit. (Refer to figure III-3 .)

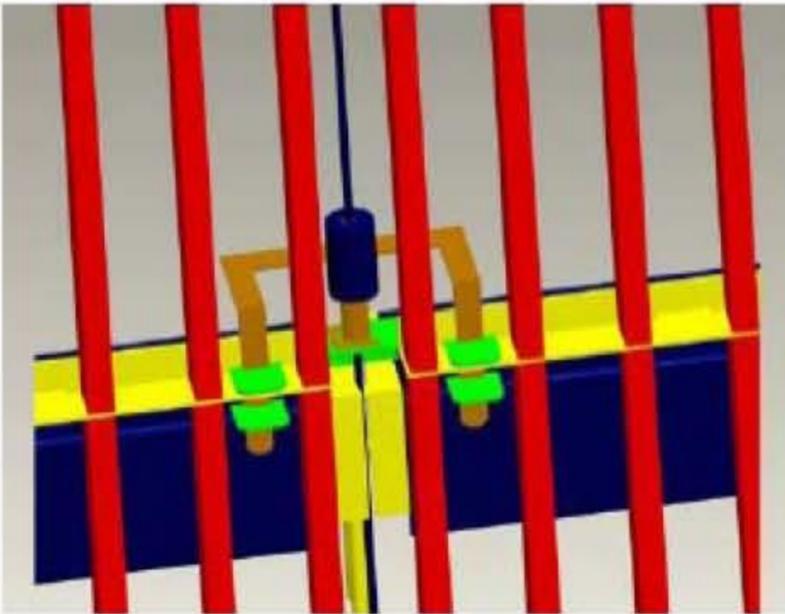


FigIII-3

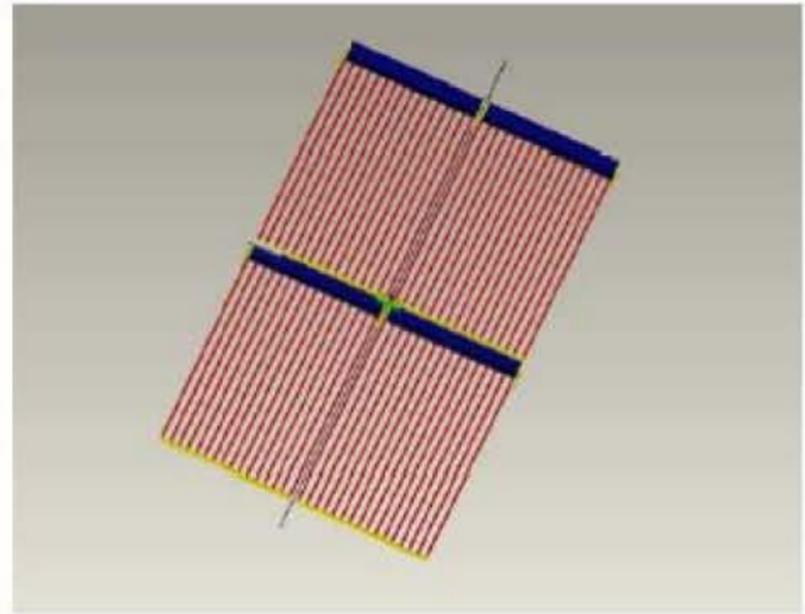


III. LED Video Wall Installation

This video wall is special design for rental purpose, supports hanging installation, models are connected and hang up by "lock device" and steal rope, as below picture show:



Lock device (design drawing)



Hanging by steal rope (design drawing)



Lock device



Video wall hanging up by rope

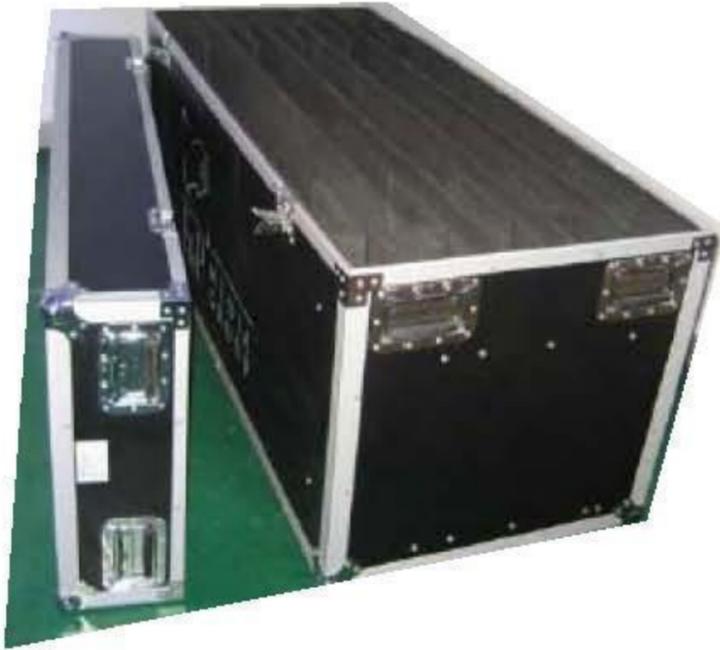


IV. Main parameter of P40 video wall

Characteristic	Value	Unit	Condition
Supply voltage	220±15%	V	AC
Maximum power consumption	86	w/unit	
Average power consumption	40	w/unit	
Pixel pitch	40	mm	
Best viewing distance	30-100	m	
Brightness	1500	cd/m ²	
Viewing angle	120	degree	
Gray scale	1024	Level	
Kinds of color	1.0.7billion	kind	
Refresh Rate	≥300	HZ	
Display life	≥100K	hours	
Effective control distance	100	m	(1000BASE-T Ethernet cable)
Operation temperature	-20~60	°C	
Operation humidity	10%~90%	RH	



VI. Air Box for Transportation



Using the air boxes for transportation can protect the cabinets better and more convenient.



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