



RNDLED1.5 -American raw materials

Indoor LED Screen Module Parameter

Specifications:	Item	Parameter
Module & Cabinet	Model:	Am.RAND1.5.COB
	Pixel Pitch:	1.5 mm
	Pixel Configuration:	COB
	Cabinet Size:	600 * 337.5 * 27 mm
	Panel Configuration	216 x 384 pixels
	Average Power per Square Dimension	6.7 W/sq. ft - 80W/sqm @ 600 nits dimming
	Avg. Heat Output per Square Dimension	39 BTU/sq. ft/hr - 416BTU/sqm/hr
	Color Temperature	3,000°-10,000° kelvin (adjustable)
	Calibration	Full Depth Pixel Level - Color & Intensity
	Service Access	Front Only
	Display Colors	281 trillion
	Refresh rate:	3480 Hz
	Ingress Protection Rating	NA
	Brightness:	1000 CD/SQM
	Calibration	Full Depth Pixel Level - Color & Intensity

Cabinet Specs:

Module & Cabinet	Dimming:	256 levels
	Cabinet Material:	Aluminium die-cast cabinet
	Optimal Viewing Distance:	1-25M(According to the final screen size)
	Optimal Viewing Angle:	Horizontal angle: 160 degree; Vertical angle: 160 degree
	Environment Temperature:	Storage: -20 degree~+65 degree Operation: -20 degree~+45 degree
	Operate Voltage:	AC: 100V~ 120V AC: 220V~240V
	Gray/color:	16 bits
	Life Span:	≥100000 Hours
	Power Switch:	Automatic Switch/Software Schedule
	Ventilation	None

SCREEN:	Specifications	Parameter
CONTROL SYSTEM	Video Input (with video processor)	DVI.HDMO, PAL/NTSC/SECAM:VGA:RGB Composite Video;SDI etc.
	Control Method	Synchronization display (to computer display)
	Control System	Main controller+Branch controller (receiving card)+DVI card+CAT/Fiber
	Transmission Distance	Multi mode fiber<500m, Single mode fiber <30Km,
		Internet Cable<100m

Accessories

Accessories List

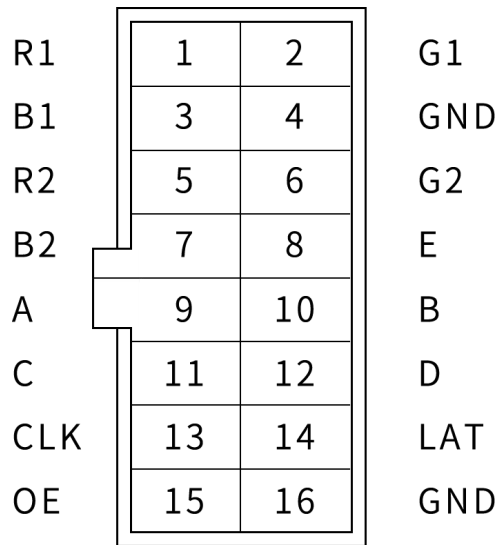
Accessories		
		
Power Supply	Single Cable	Screws, connecting sheet, Sleeve Piece
		
Equipment for front and rear maintenance	Keys	



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Interface Picture (HUB75)



Interface Definition

Interface Definition

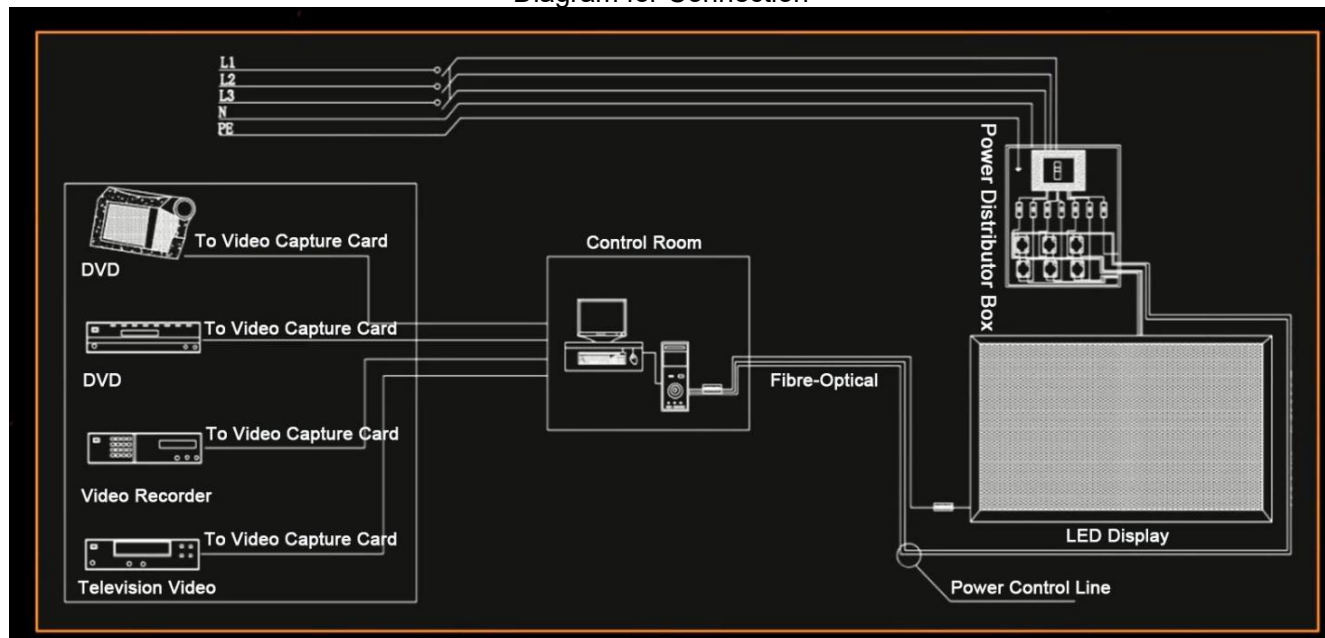
Pin	Signal	Function	Pin	Signal	Function
1	R1	Red Data Signal	2	G1	Green Data Signal
3	B1	Blue Data Signal	4	GND	Power Ground
5	R2	Red Data Signal	6	G2	Green Data Signal
7	B2	Blue Data Signal	8	E	Row Decoding Signal
9	A	Row Decoding Signal	10	B	Row Decoding Signal
11	C	Row Decoding Signal	12	D	Row Decoding Signal
13	CLK	Clock Signal	14	LAT	Latch Signal
15	OE	Enable Signal	16	GND	Power Ground



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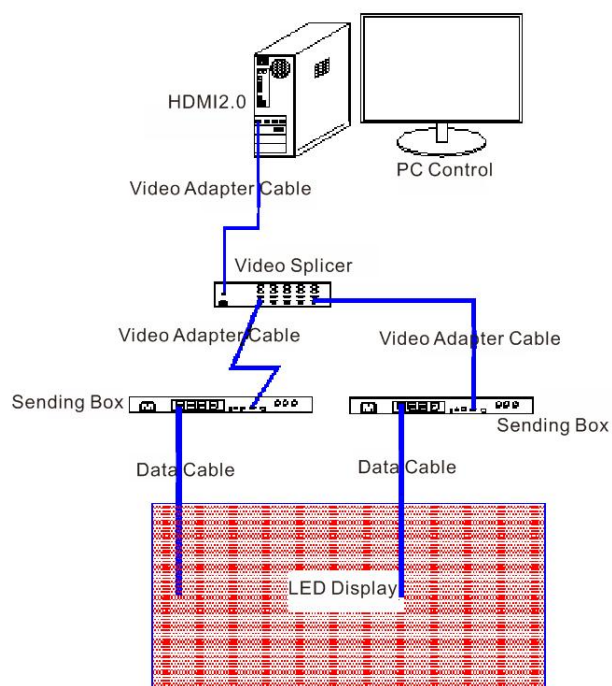
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Diagram for Connection



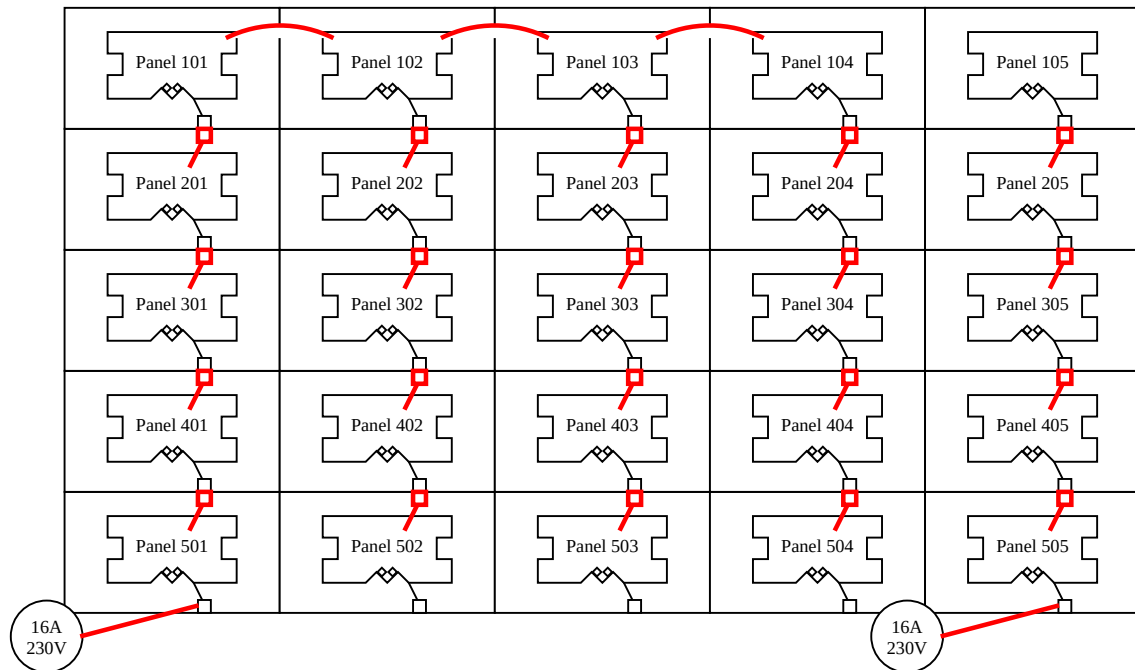
Networking Introduction

Topographic Picture for networking



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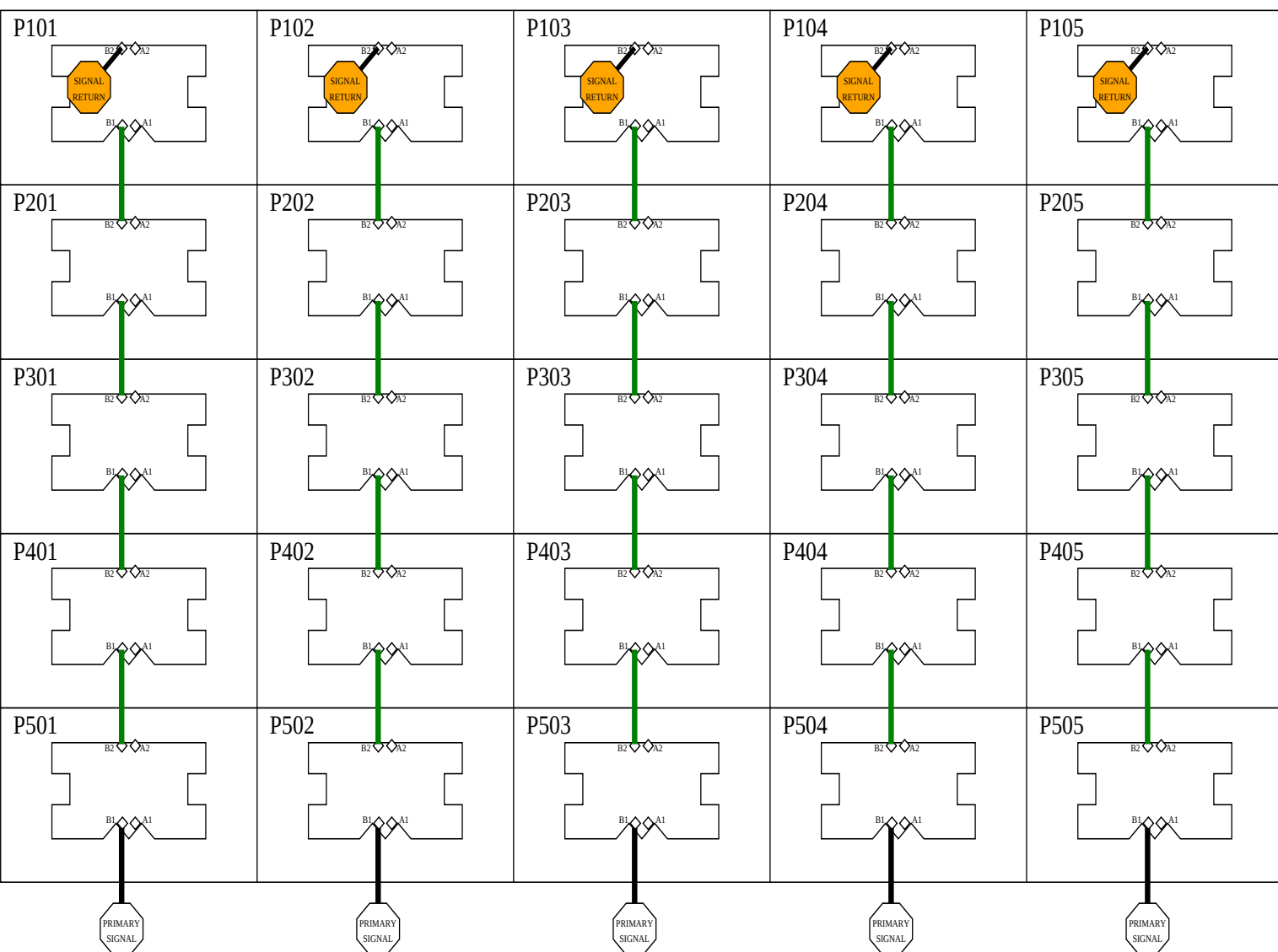
DISPLAY SPECIFICATIONS	
PIXEL PITCH	1.5mm
DISPLAY RESOLUTION	1080 X 1920
PANELS PER DISPLAY	5H X 5W = 25 Panels
PANEL WEIGHT	8.59lbs / 3.9kg
DISPLAY WEIGHT	214.75lbs / 97.41kg
MAX/AVG DISPLAY POWER	2,472Watts / 618Watts
MAX/AVG DISPLAY BTU	8,430BTU /2,107BTU
16A AC CIRCUITS REQ'D	2
SIGNAL IN QTY @ DISPLAY	5
SIGNAL RETURN QTY FROM DISPLAY	5

RACK REQUIREMENTS	
16A AC CIRCUITS REQ'D	1
MAX POWER	30 Watts
MAX HEAT LOAD	102 BTU/hr
TOTAL DI RACK UNITS (RUs)	2
TOTAL RACK SPACE QTY (RUs)	2



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