



RNDLED1.25

Indoor LED Screen Module Parameter

Europe raw materials -By the Eno factory

Specifications:	Item	Parameter
Module & Cabinet	Model:	Eu.RAND1.25 COB
	Pixel Pitch:	1.25 mm
	Pixel Configuration:	COB,Lamp Line Copper
	Cabinet Size:	600 * 337.5 * 27 mm
	Panel Configuration	480 x 270 pixels
	Average Power per Square Dimension	134 W/sqm @ 500 nits dimming
	Avg. Heat Output per Square Dimension	39 BTU/sq. ft/hr - 520 BTU/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 - Ultra-high-definition
	Refresh rate:	3480 Hz
	Ingress Protection Rating	IP 54 front / IP 65 rear
	Brightness:	Ty 800nits , 0-800nits adjustment
	Calibration	Full Depth Pixel Level - Color & Intensity

Cabinet Specs:

Module & Cabinet	Dimming:	256 levels
	Cabinet Material:	Aluminium die-cast cabinet
	Optimal Viewing Distance:	1-15M(According to the final screen size)
	Optimal Viewing Angle:	Horizontal angle: 175 degree; Vertical angle: 175 degree
	Environment Temperature:	Storage: -10 degree~+65 degree Operation: -10 degree~+40 degree
	Operate Voltage:	AC: 100V~ 120V AC: 220V~240V
	Gray/color:	14 - 16 bits
	Life Span:	≥100000 Hours
	Power Switch:	Automatic Switch/Software Schedule
	Max Power Consumption :	393@800nitstilation

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

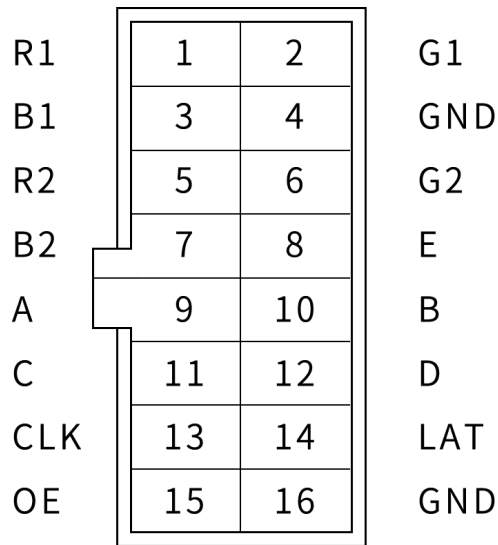
Accessories		
		
Power Supply	Single Cable	Screws, connecting sheet, Sleeve Piece
		
Equipment for front and rear maintenance	Keys	



All product descriptions in this datasheet are intended as a general guide. Rand Tech cannot accept any liability arising from the reliance on such data to the extent permitted by law. Rand Tech will always develop and improve its products and datasheets.

Rand Tech for Electronic Manufacturing Tel +966 11 491 1034 - randt.sa - info@randt.sa

Interface Picture (HUB75)



Interface Definition

Interface Definition

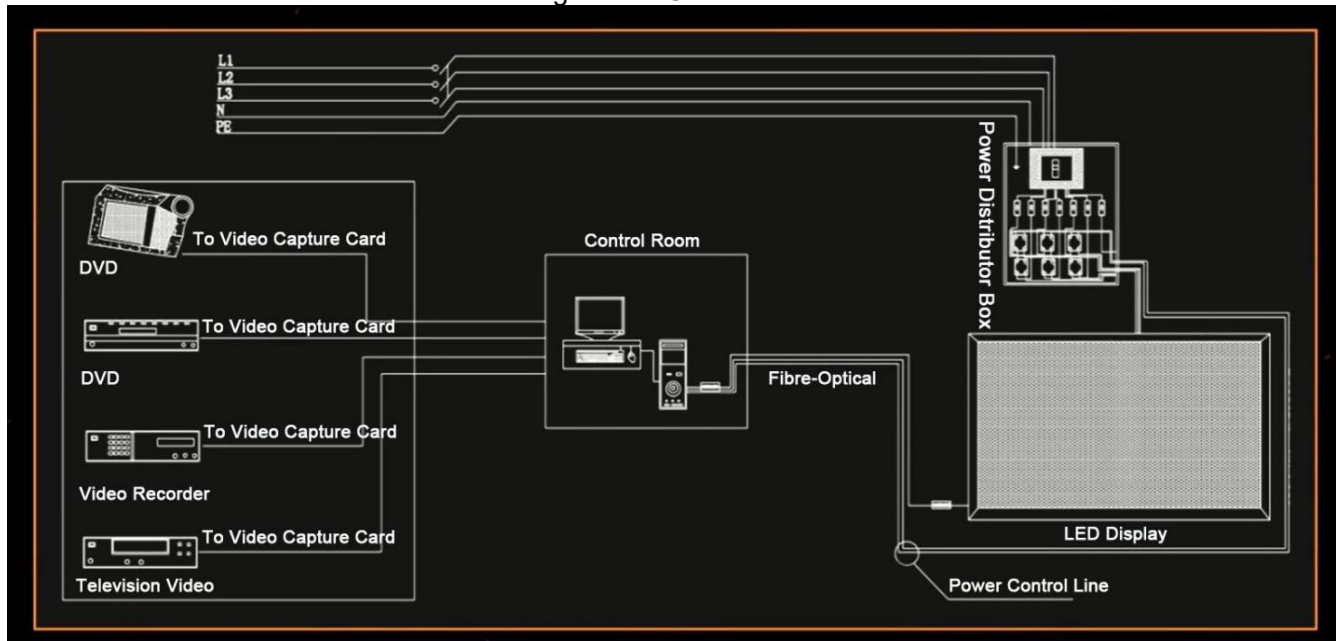
Pin	Signal	Function	Pin	Signal	Function
1	R1	Red Data Signal	2	G1	Green Data Signal
3	B1	Blue Data Signal	4	GND	Power Ground
5	R2	Red Data Signal	6	G2	Green Data Signal
7	B2	Blue Data Signal	8	E	Row Decoding Signal
9	A	Row Decoding Signal	10	B	Row Decoding Signal
11	C	Row Decoding Signal	12	D	Row Decoding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



All product descriptions in this datasheet are intended as a general guide. Rand Tech cannot accept any liability arising from the reliance on such data to the extent permitted by law. Rand Tech will always develop and improve its products and datasheets.

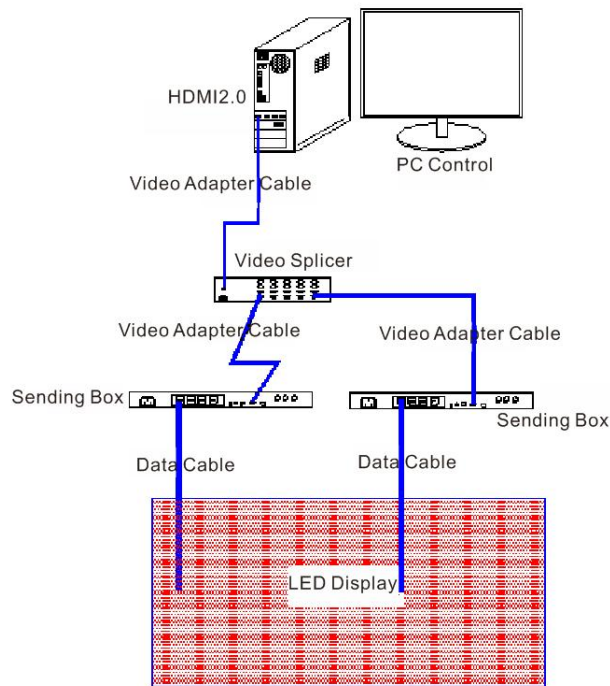
Rand Tech for Electronic Manufacturing Tel +966 11 491 1034 - randt.sa - info@randt.sa

Diagram for Connection



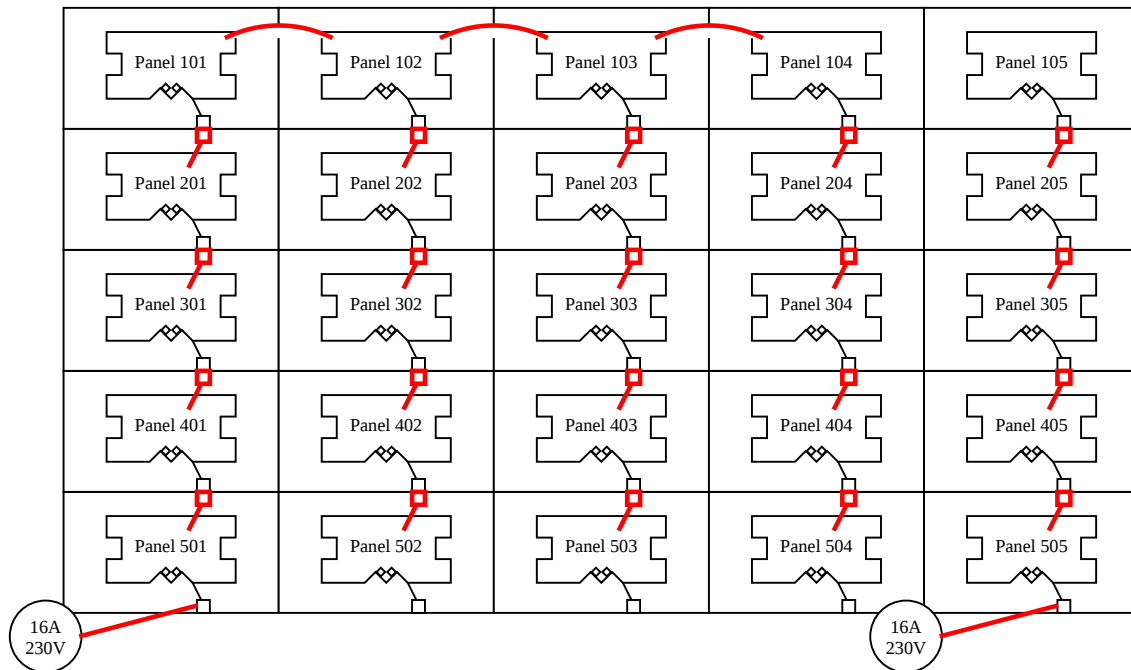
Networking Introduction

Topographic Picture for networking



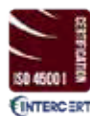
All product descriptions in this datasheet are intended as a general guide. Rand Tech cannot accept any liability arising from the reliance on such data to the extent permitted by law. Rand Tech will always develop and improve its products and datasheets.

Rand Tech for Electronic Manufacturing Tel +966 11 491 1034 - randt.sa - info@randt.sa



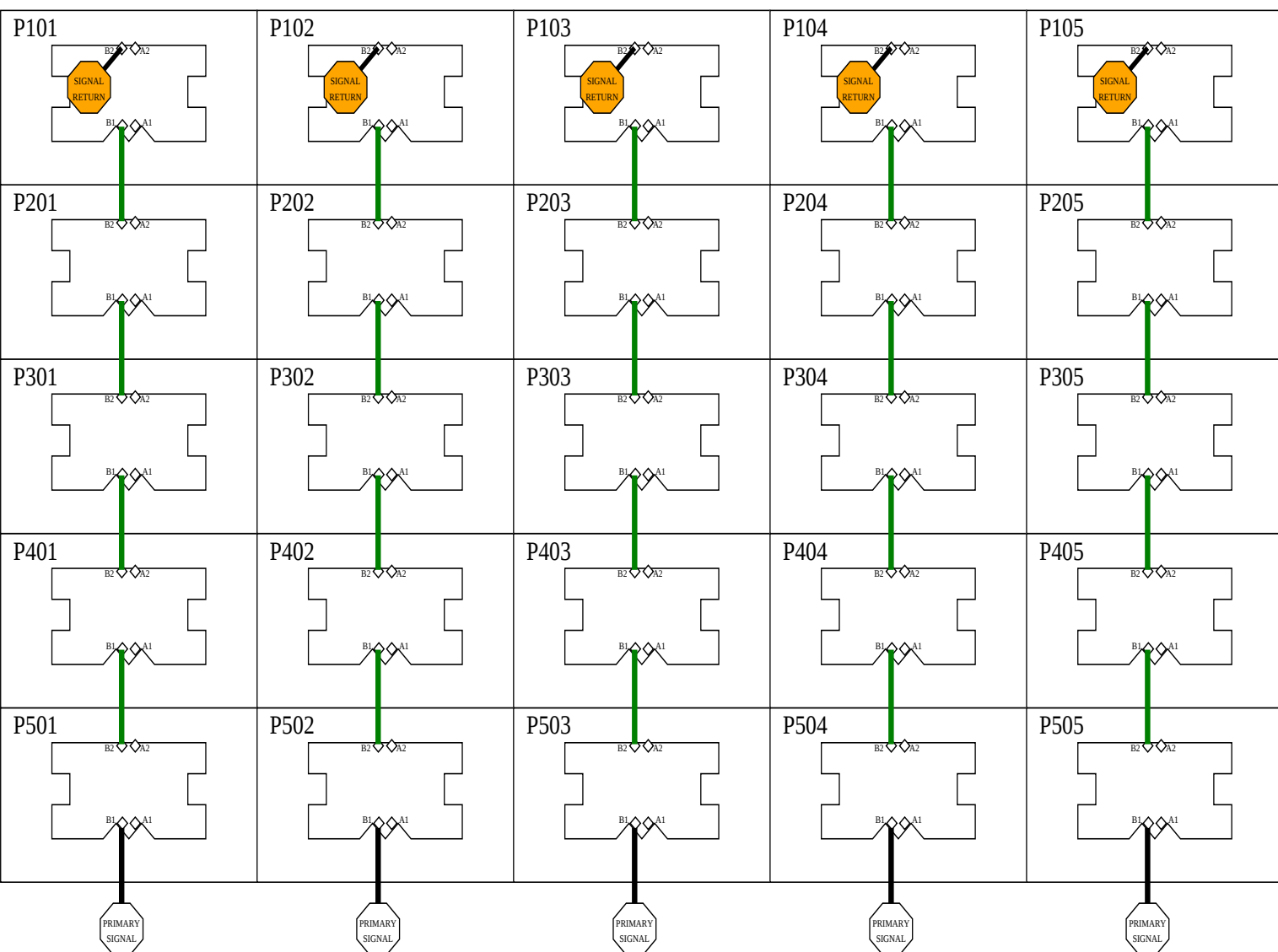
DISPLAY SPECIFICATIONS	
PIXEL PITCH	1.5mm
DISPLAY RESOLUTION	1080 X 1920
PANELS PER DISPLAY	5H X 5W = 25 Panels
PANEL WEIGHT	8.59lbs / 3.9kg
DISPLAY WEIGHT	214.75lbs / 97.41kg
MAX/AVG DISPLAY POWER	2,472Watts / 618Watts
MAX/AVG DISPLAY BTU	8,430BTU / 2,107BTU
16A AC CIRCUITS REQ'D	2
SIGNAL IN QTY @ DISPLAY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



All product descriptions in this datasheet are intended as a general guide. Rand Tech cannot accept any liability arising from the reliance on such data to the extent permitted by law. Rand Tech will always develop and improve its products and datasheets.

Rand Tech for Electronic Manufacturing Tel +966 11 491 1034 - randt.sa - info@randt.sa



All product descriptions in this datasheet are intended as a general guide. Rand Tech cannot accept any liability arising from the reliance on such data to the extent permitted by law. Rand Tech will always develop and improve its products and datasheets.

Rand Tech for Electronic Manufacturing Tel +966 11 491 1034 - randt.sa - info@randt.sa