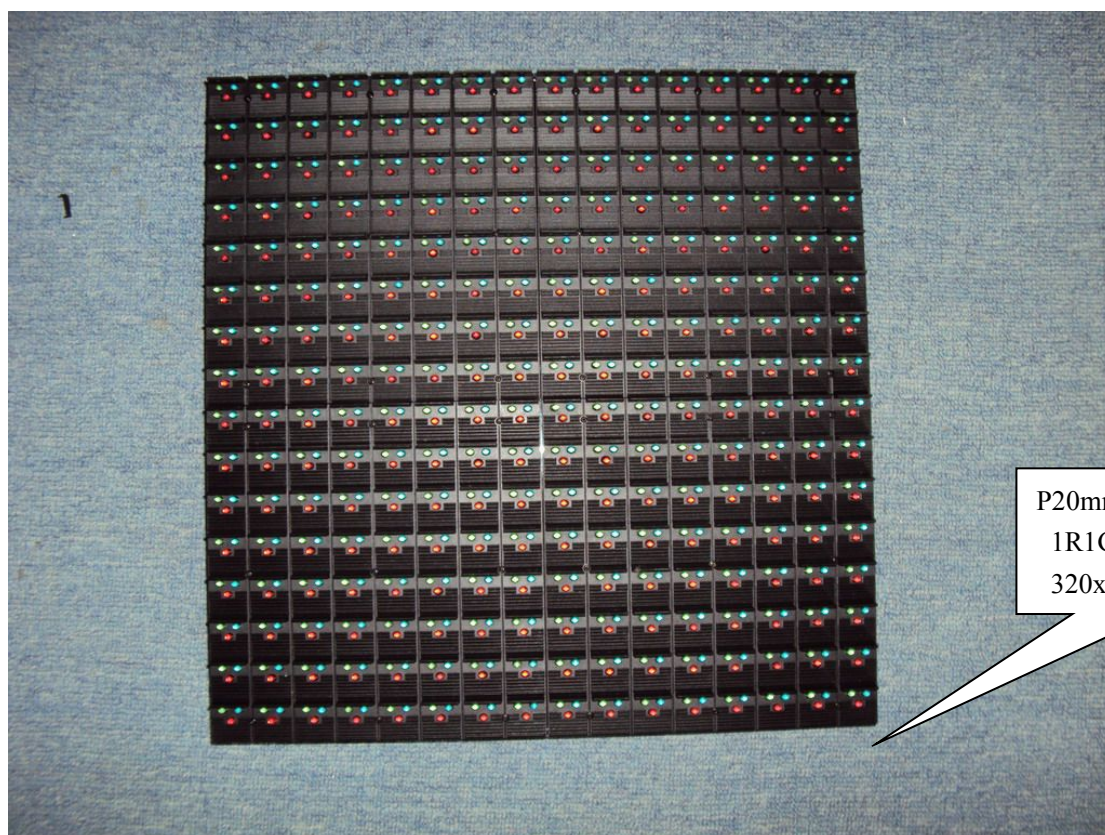


P20 outdoor LED display Technical Specification:

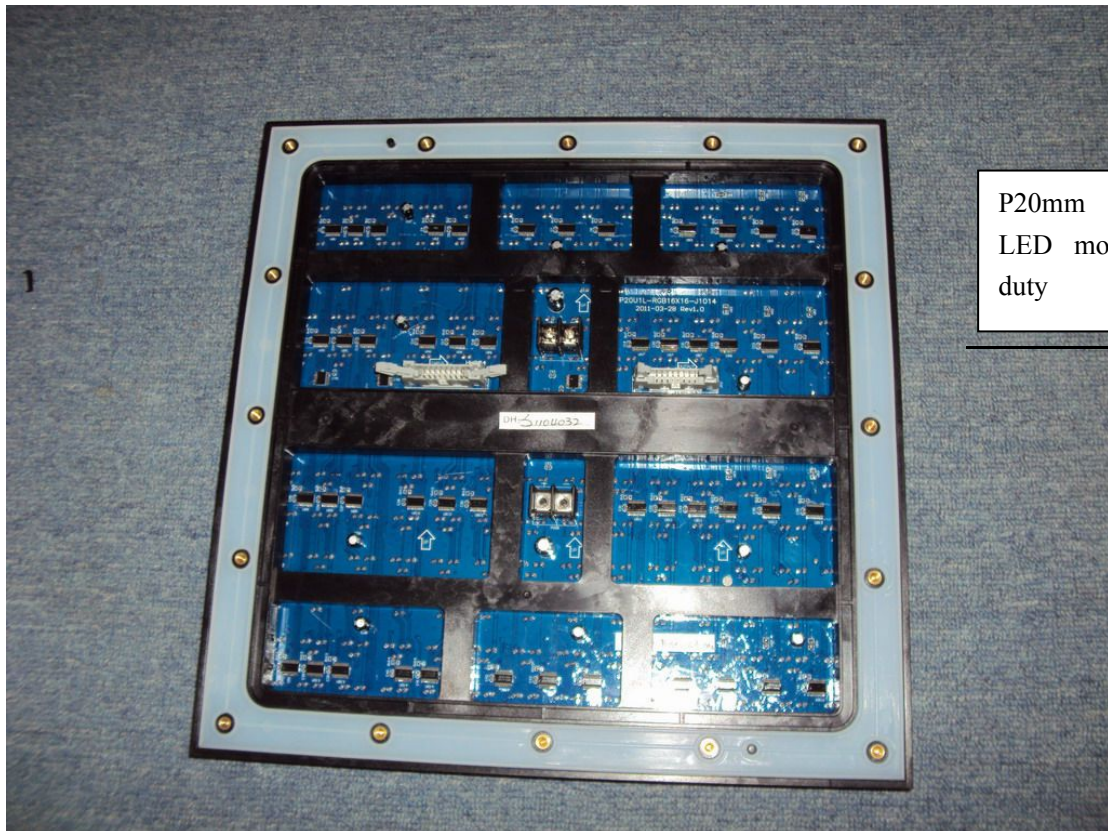
Product model number	P20U1L-RGB16x16-L960xH960
1.Pixel	
LED type	DIP346
Pixel composition	1R, 1PG, 1PB
Wave length (nm)	R: 622.5-625, G: 522.5-525, B: 465-467.5
Pixel pitch (mm)	20
2.Module	
Module size (mm)	320(L) * 320(H) * 30(D)
Module resolution (pixels)	16(L) * 16(H)
3. Cabinet	
Module quantity in a cabinet	3 (L) * 3(H)
Cabinet size (mm)	960 (L) * 960 (H) * 175(D)
Cabinet resolution (pixels)	48(L) * 48(H)
Cabinet material	Steel
Cabinet weight(KG)	≈55
4.Packaging	
Packing way	2 cabinets packed into one
Packing box material	Wooden case
Packing box dimension(mm)	1060(L)*1260(H)*480(D)
5. Electricity parameter	
Density(real) (pixels/m ²)	2500
Density(virtual) (pixels/m ²)	-----
White balance brightness(cd/m ²)	≥7500
Color temperature(K)	5000—9300
Brightness adjusted	100 grades by software or by Auto-optic induced.
Viewing angle	Horizontal 110°; Vertical 50°
Best viewing distance(m)	20—200
Communication distance (m)	Internet Wire: 100 Fiber Cable: 500
Driving mode	Constant current, 1/1 duty
Gray grade	16384 levels for each color
Display color	4,398,046,511,104
Refresh frequency (Hz)	≥2400
Frame frequency (Hz)	≥60
Picture display method	Dot to dot display synchronized with CRT
Signal interface	DVI

Input signal	Video: PAL/NTSC Option: VGA , Video , DVD,TV, etc
Display format	800 * 600, 1024 * 768, 1280*1024
Software	Support windows series system
Protection grade	IP65(front side);IP54(rear side)
Working temperature(°C)	-20~+60
Humidity(RH)	10%~90%
Stored temperature (°C)	-30~+70
Screen lifetime(hours)	≥100,000
Out of controlled pixels	≤1/10,000 (Out of controlled pixels means the pixels of which the brightness and the wave length are both >10% depart to the normal one)
Whole display flatness	Less than 1mm Juncture
Maintenance way	Back-maintenance, module displaced
Switch power supply	110V/60HZ, 220V/50HZ(single phase)
Power consumption (w/m ²)	Max :600, Average : ≈200

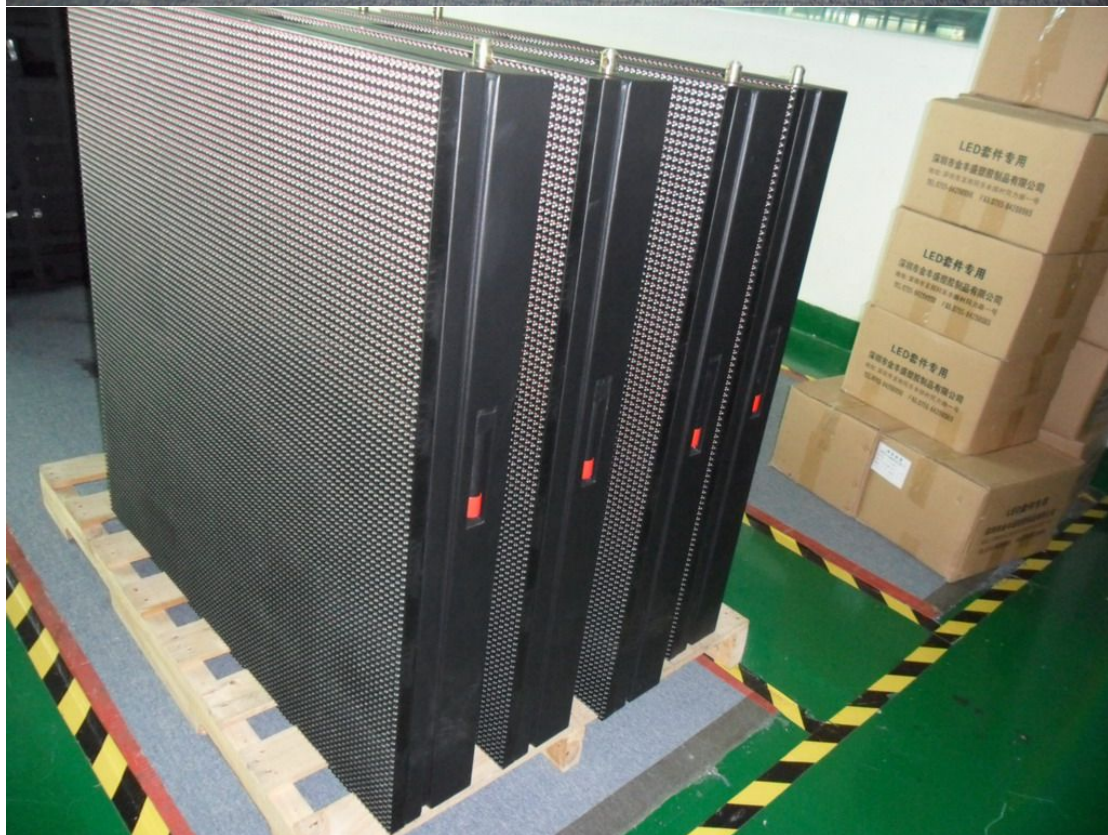
◆ Relevant pictures:

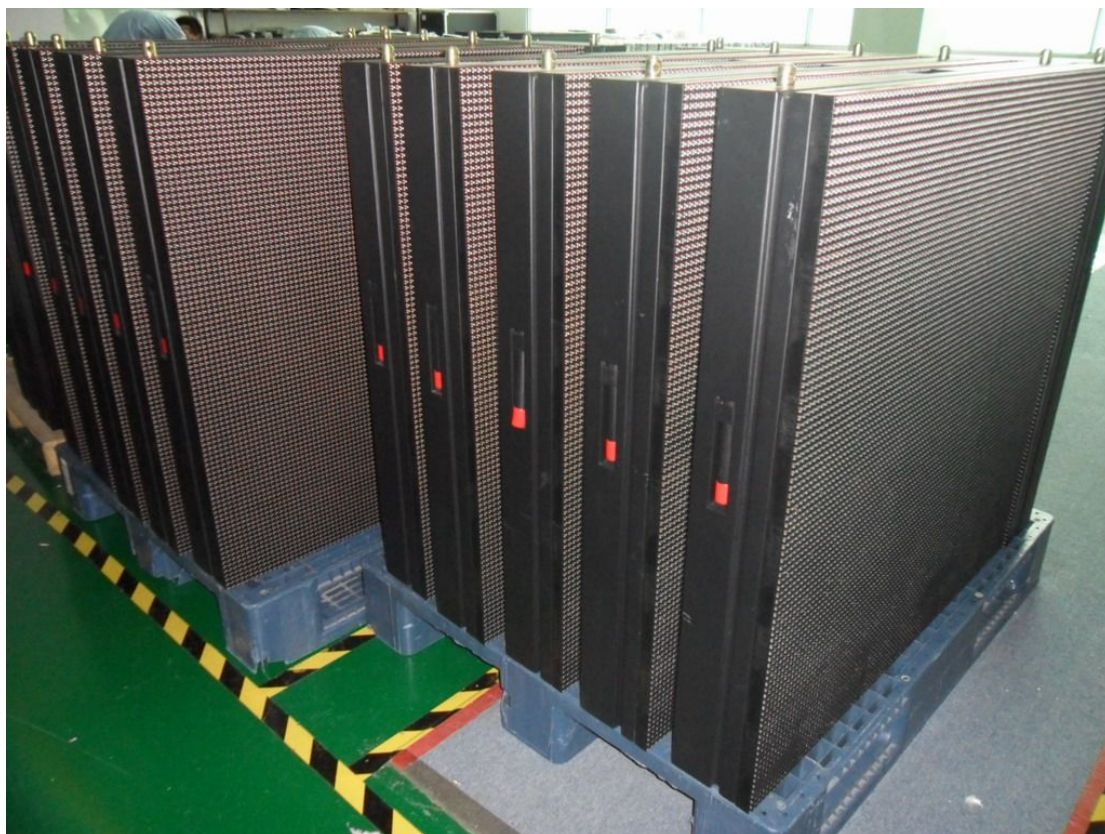


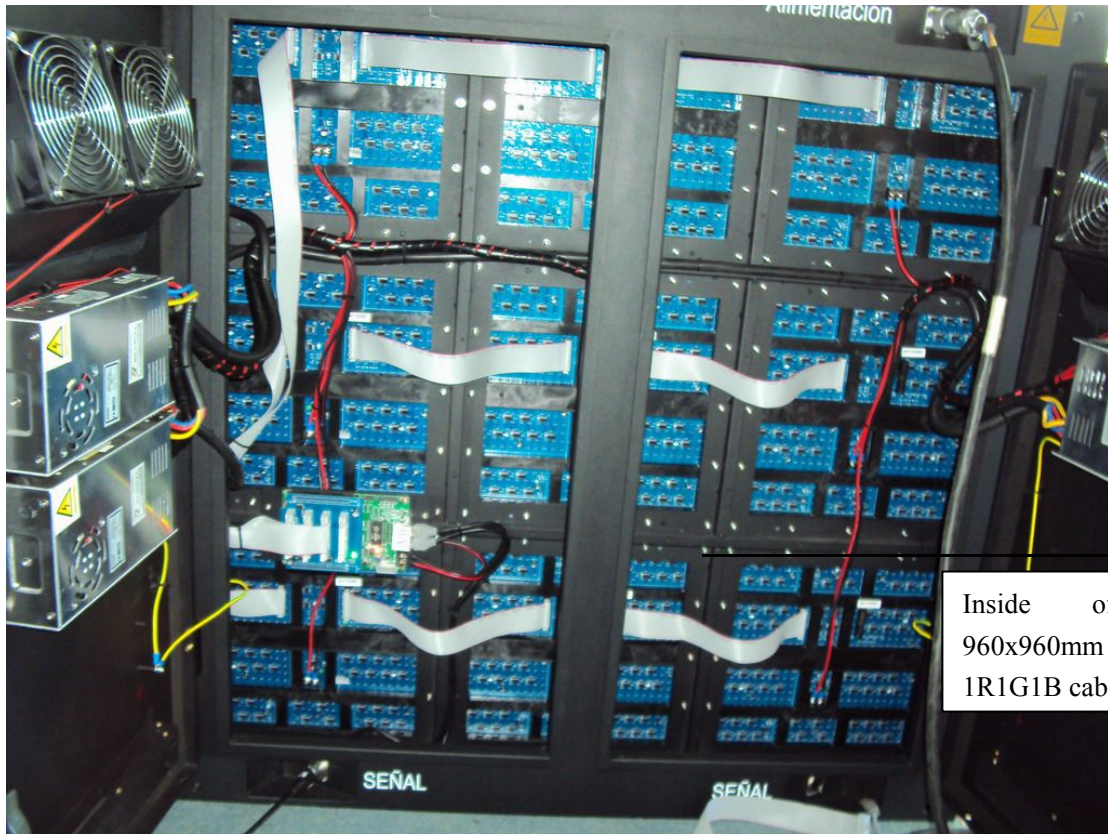
P20mm module,
1R1G1B, 20x20pixels,
320x320mm



P20mm 1R1G1B
LED module, 1/1
duty







Inside of the
960x960mm P10
1R1G1B cabinet



Back view of
P16mm 1R1G1B
outdoor LED
screen



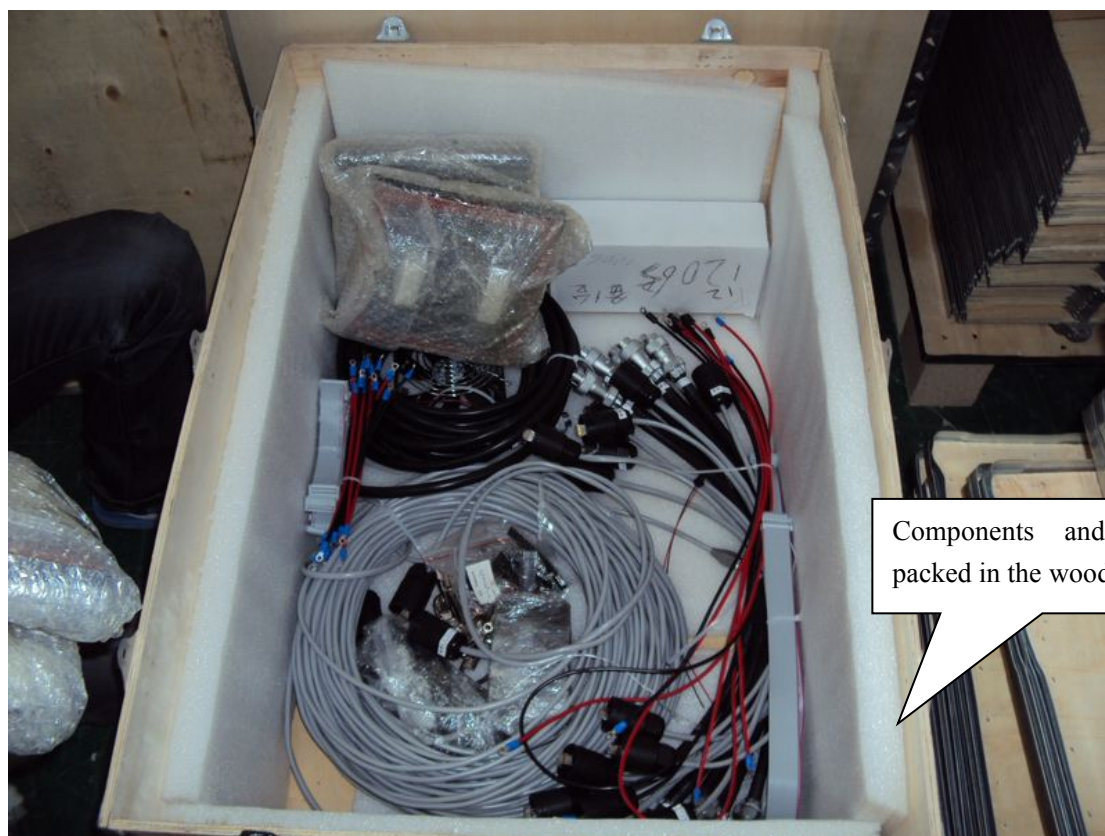
Case project of P16mm
1R1G1B LED screen,
147sqm



P16 1R1G1B outdoor
LED screen project
Guangzhou China,
80sqm



310sqm P10 1R1G1B
outdoor LED screen
in Xi'an China



Components and accessories
packed in the wooden case



Wooden cases for packaging