

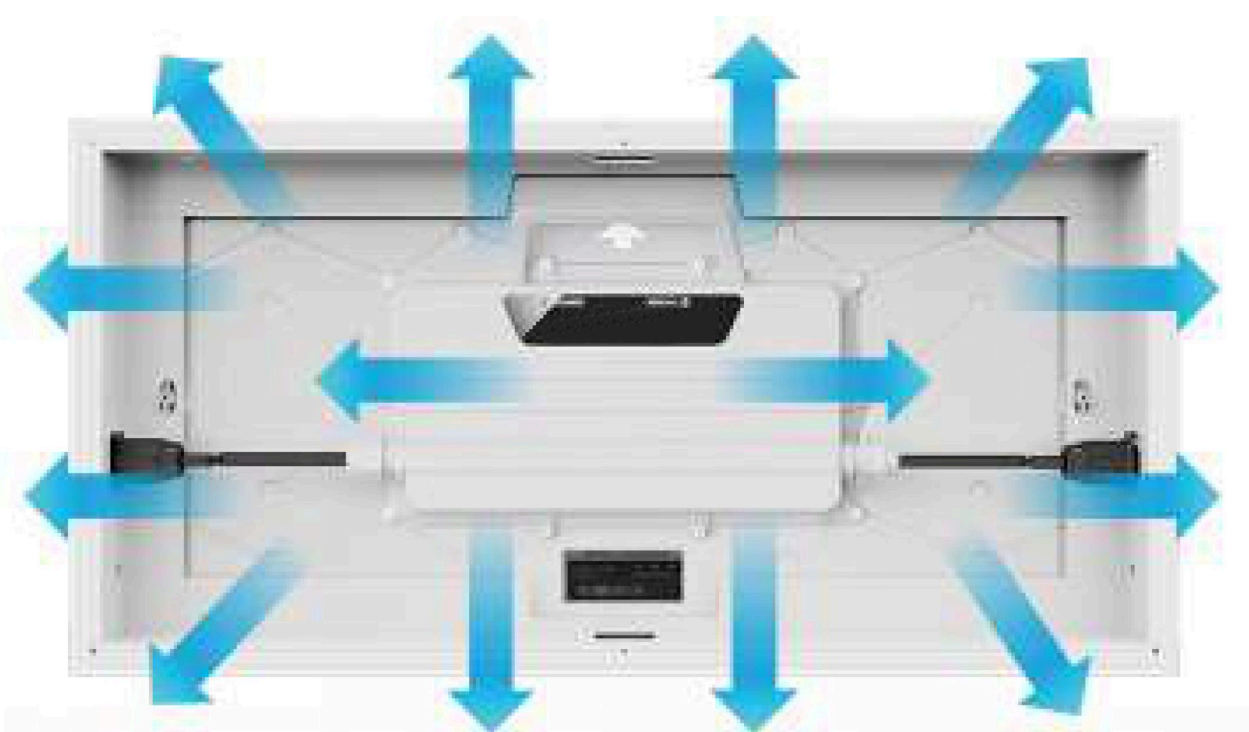


UNITED SIGNS
DIGITAL DISPLAYS

U-PRO-S SERIES DISPLAY

FEATURES

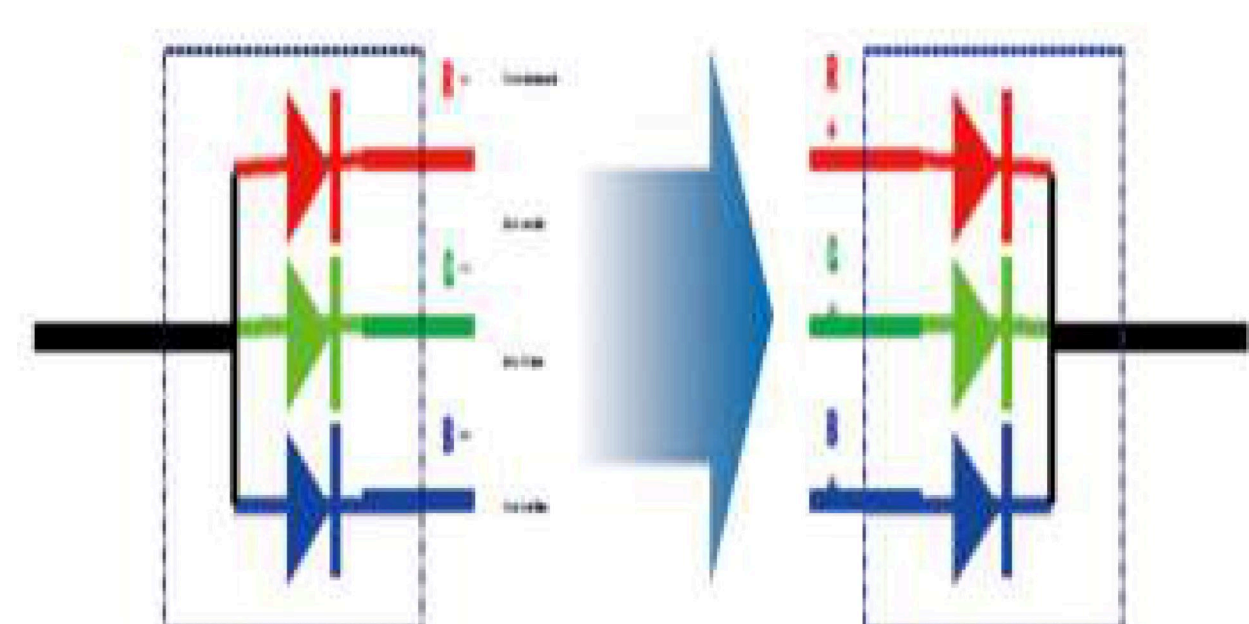
- Die-casting aluminum panel 1' x 2'
- High brightness and high refresh rate LED display
- Common cathode LEDs, truly energy saving design
- Modular mounting frames 1' x 2'
- Front serviceable LED panel
- Slim and light weight
- ETL and FCC product
- IP66 rating



Passive heat dissipation with patented technology, featuring ICs directly attached to the aluminum housing for rapid and uniform heat distribution, seamlessly integrating heat conduction and dissipation.



More elegant, stronger, heat-resistant, and highly durable, with exceptional thermal conductivity for an extended lifespan.



The Common Cathode Solution offers 40% energy savings and reduces temperature by 20°C, ensuring higher efficiency, lower power consumption, and superior heat dissipation for brighter, cooler, and more durable LED displays.



Lighter and thinner with high splicing precision for seamless alignment and easy installation.



The perfect LED solution for:

Hospitality | Schools | Sports Stadiums |
Entertainment Venues | Retail | Manufacturing



SPECIFICATIONS

Working environment		Outdoor					
Cabinet	UP-PH9.52-CDS	UP-PH7.62-CDS	UP-PH6.35-CDS	UP-PH4.76-CDS	UP-PH3.81-CDS	UP-PH3.17-CDS	UP-PH2.38-CDS
Pixel pitch	9.525mm	7.62mm	6.35mm	4.76mm	3.81mm	3.175mm	2.3812mm
Pixel conguration	1R1G1B(SMD)	1R1G1B(SMD)	1R1G1B(SMD)	1R1G1B(SMD)	1R1G1B(SMD)	1R1G1B(SMD)	1R1G1B(SMD)
Density of pixel	11022pixel/m²	17222pixel/m²	24800pixel/m²	44089pixel/m²	68889pixel/m²	99225pixel/m²	176356pixel/m²
Resolution/cabinet	32pixel*64pixel	40pixel*80pixel	48pixel*96pixel	64pixel*128pixel	80pixel*160pixel	96 pixel*192pixel	128pixel*256pixel
Viewing angle/horizontal	110°	110°	110°	110°	110°	110°	110°
Viewing angle/Vertical	90°	90°	90°	90°	90°	90°	90°
LED	2727	2727	2727	1921	1921	1415	1211
Average power/cabinet	40W	40W	40W	45W	49W	38W	39W
Max power/cabinet	133W	132W	133W	135W	169W	125W	132W
Driving Method	1/4 Scan	1/5 Scan	1/4 Scan	1/4 Scan	1/8 Scan	1/16 Scan	1/16 Scan
Refresh rate	≥3000HZ	≥3000HZ	≥3000HZ	≥3000HZ	≥3000HZ	≥3000HZ	≥3000HZ
Brightness	10000cd/m²	10000cd/m²	10000cd/m²	10000cd/m²	7900cd/m²	5500cd/m²	5000cd/m²
Refresh frame frequency	≥60HZ						
Ingress rating	IP66						
Cabinet size	1ft*2ft						
Grey scale/display color	65536/display 16.7M						
Brightness adjustment	Manual R.G.B each color 256, automatic 8 grades are adjustable						
Input signal	RF S-Video, RGB, RGBHV, YUV, YC, COMPOSITONS						
Control system	synchronous & asynchronous						
Data transmission	Internet cable transmission 100m. Multi-mode ber optics transmission 500m; Single-mode optic ber transmission 10km						
Operation system platform	windows						
Average no Failure time	≥10000hrs						
Lifetime of Led	≥100000hrs						
Malfunction do rate	<0.0001						
Working Voltage	AC 110V/220V±15%50-60HZ						
Earth leakage current	<0.01mA						
Working/Storage temperature	working-30°C~60°C storage-40°C~85°C						



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