KNEXXONS
Innovating the Future, Today.

SMD LED DISPLAY SOLUTION

XPRO Series

Flexible SMD Modules for Scalable Display Systems

Fixed LED display solutions designed for permanent indoor and outdoor installations. They provide outstanding image quality, reliable performance, and long-term durability for commercial, corporate, public, and large-scale display applications.

The XPRO Series provides high-performance SMD LED modules designed for maximum flexibility and scalability. Its module-based architecture allows system designers to create customized display solutions for indoor and outdoor environments while maintaining consistent image quality, efficient serviceability, and reliable long-term operation.

Let's Build Your Next LED Project

From fine-pitch indoor displays to large-scale outdoor LED walls,
KNEXXONS helps you choose the right technology for your project.

KNEXXONS®

XPRO Series

IDEAL APPLICATIONS

- Custom LED walls
- Outdoor displays
- Transportation systems
- Advertising networks
- Sports facilities
- Architectural media
- Commercial installations
- Customized indoor and outdoor displays

KEY ADVANTAGES

- Flexible module-based design
- Wide range of pixel pitch options
- High-brightness configurations
- Easy integration into custom structures
- Efficient maintenance and replacement
- Reliable indoor and outdoor operation

APPLICATION SCENARIOS

Corporate

Stage

DOOH

SPECIFICATION PARAMETERS

Our products include but are not limited to the products and technical parameters mentioned in this leaflet. All products shall be subject to the real object.

Feature	XP-D12-3	XP-D15-3	XP-D18-3	XP-D20-3	XP-D25-3	XP-D30-3	XP-V25-3	XP-V30-3	XP-V40-3	XP-V50-3	XP-V60-3	XP-V66-3	XP-V80-3
Indoor / Outdoor	indoor	indoor	indoor	indoor	indoor	indoor	outdoor	outdoor	outdoor	outdoor	outdoor	outdoor	outdoor
Pitch	P1.2	P1.5	P1.8	P2	P2.5	P3	P2.5	P3	P4	P5	P6	P6.6	P8
Brightness (nits)	500	500	500	500	500	500	4200	4200	4200	4200	4200	4200	4200
Refresh (Hz)	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840
Resolution	256 × 128	208 × 104	172 × 86	160 × 80	128 × 64	104 × 52	128 × 64	104 × 52	80 × 40	64 × 32	32 × 32	48 × 24	40 × 20
Scan Rate	1/64	1/52	1/43	1/40	1/32	1/26	1/16	1/13	1/10	1/8	1/8	1/6	1/5
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Module Size (mm)	320 × 160	320 × 160	320 × 160	320 × 160	320 × 160	320 × 160	320 × 160	320 × 160	320 × 160	320 × 160	192 × 192	320 × 160	320 × 160
Avg. Power (W/m²)	194.00	194.00	147.00	147.00	153.00	138.00	216.00	262.00	303.00	279.00	315.00	297.00	289.00
Max. Power (W/m²)	580.00	580.00	439.00	439.00	457.00	413.00	648.00	786.00	909.00	836.00	946.00	892.00	866.00
Gray Scale (bit)	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16	14 - 16
Color Temperature (K)	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000	3000~12000
Weight (kg)		1.00											

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