01 High Contrast  
02 Smart Monitoring  
03 Universal Design  
04 Ease-of-use
LONGER SHADER DESIGN

In full sunlight, with Absen longer shader design, there is less reflected light from the LED. This provides significantly higher contrast.

Long shader will affect the vertical viewing angle

To be viewable in full sunlight, an LED display needs to achieve an optimal brightness of 5,500 nits. This is not a problem with the Absen automatic or manual brightness control and the long shader mask design provides much greater contrast and brightness levels.

The picture shows contrast. The left one shows the longer shader mask of the LED display.
ADVANCED TECHNOLOGY-SMART MONITORING

- Wireless and real time monitoring: without traditional monitoring cards; there is no cables between modules and HUB board.
- Monitoring for panel temperature, module temperature, voltage, working time, ID and etc.

- Each module of XD6/XD10 has its own ID number, order number, production date, working time, module current, color coordinates, module voltage and module temperature, which can be all accessed via the Absen smart monitoring software.
Experience #APPyness
Initiate most transactions with our new Mobile App

UNIVERSAL DESIGN
DIFFERENT SIZE, SAME PLATFORM

- Two different sizes of cabinet allow for greater flexibility on overall display sizes.
- One platform for all advertising, branding, sports and spectacular applications allows cost savings on product, accessories and training.

Size 1: 640mm*960mm (XD4, XD6, XD10)

Worldwide sales
Through a strict inspection on raw materials, XD series is proved as durable and reliable choice for the market. During less than half year, XD is sold already more than 5,000 Sq.m.

Size 2: 1280mm x 960mm (XD6C & XD10C)
Sold except the European and US markets
EXCEPTIONAL WATERPROOF LEVEL

Waterproof is one of the most critical design for outdoor LED products. The four-layers waterproof structure of XD series module efficiently prevents the water going into the panel. The drain-hole design, fan-less power box and the sealing process make the product extremely water resistant.

In addition, XD series pass an automatic waterproof test before the shipment in the factory to guarantee the performance result.
HIGH PROTECTIVE GRADES
AND HIGH WEATHER RESISTANCE

The 304 stainless steel screws and locks, the aluminum panel, and the strongly-insulated wires wrapped in fiberglass guarantee the displays can resist extreme heat, severe cold, acids and alkalis, and even salt spray, thereby make longer life of our products.

Module Aging Test
Time: 12 hours, 2 hours all white/0.5 hour black aging cycle

Display Aging Test
Time: 12 hours, full white 0.5 hours/full black 0.5 hour(11 circles)+1 hour video

Thermal Shock Test
High and low temperature cycle 50°C -20°C

Salt Spray Test
The brine's concentration: 5±1%, pH: 6.5-7.2, Temperature: 35±2°C, brine spraying and testing for 48 H, then washing the demo with waters for 5 min

Waterproofing Test
6.3mm, Water Velocity: 12.5L/min, Distance: 2.5~3m, Time: 10min

Constant Temperature & Humidity Test
Temperature Rise 50°C
INNOVATIVE

Lighter, Thinner, Securer

Aluminum Material Ensures Smooth Operation and Maintenance

XD6 weighs only 34 kg/m² and has a thickness of 106 mm. This means the product is less steel required, less maintenance space needed and cheaper for installation.

ONLY 34 kg/m² 106 mm THICKNESS

Simple and Elegant Design

Simple and elegant design had no impact on heat dissipation. Furthermore, we have simplified the design of the components, which reduces the failure rate.
EASE-OF-USE
Module data and power supply have a parallel connection design so that modules won’t influence each other.

- External test button.
MODULE FRONT & REAR MAINTENANCE

Module Front Maintenance: Using a hexagon wrench, remove the fixed screws, then pull out the module.

Insert hexagon wrench into the hole → Loosen the screws → Disassemble the module

Rear Maintenance: Remove screws, push the module out, holding the handle and rotate it to take out the module in diagonal line.

Loosen screws → Push the module → Disassemble the module
## PARAMETER

<table>
<thead>
<tr>
<th></th>
<th>XD4</th>
<th>XD6C</th>
<th>XD6</th>
<th>XD10C</th>
<th>XD10</th>
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<tbody>
<tr>
<td>Series</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Pixel Pitch (mm)</td>
<td>4.44</td>
<td>6.66</td>
<td>6.66</td>
<td>10</td>
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<tr>
<td>Brightness (nit)</td>
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<td>6,000</td>
<td>6,000</td>
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<tr>
<td>Refresh Rate (Hz)</td>
<td>1,920</td>
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<td>1,920</td>
<td>3,840</td>
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<td>Gray Scale(level)</td>
<td>65536</td>
<td>8192</td>
<td>65536</td>
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<tr>
<td>Viewing Angle (horiz. / vert.)(°)</td>
<td>140/110</td>
<td>140/55</td>
<td>160/75</td>
<td>140/70</td>
<td>150/75</td>
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<td>Ingress Protection (front/rear)</td>
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<tr>
<td>Power consumption (max/wg)/(W/m²)</td>
<td>606/202</td>
<td>770/256</td>
<td>700/233</td>
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<tr>
<td>Panel Dimensions(W×H×D)(mm)</td>
<td>640×960×101</td>
<td>1280×960×103</td>
<td>640×960×106</td>
<td>1280×960×103</td>
<td>640×960×106</td>
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<td>Panel Weight(kg)</td>
<td>18(R) /19(F)</td>
<td>35</td>
<td>21</td>
<td>35</td>
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<td>Panel Material</td>
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<td>Pixel Matrix per Panel(pixel)</td>
<td>144×216</td>
<td>192×144</td>
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<td>64×96</td>
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<td>Input Voltage (AC)(V)</td>
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<td>100 ~ 120 or 200 ~ 240</td>
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<td>100 ~ 120 or 200 ~ 240</td>
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<tr>
<td>Operating Temperature(°C)</td>
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<td>Module Maintenance</td>
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<td>Monitor</td>
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<td>×</td>
<td>✓</td>
<td>×</td>
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</table>

- Screen can make a 90 degree angle
- Single sided & double sided light-box screen
- Wall mounting
- Customized curved screen