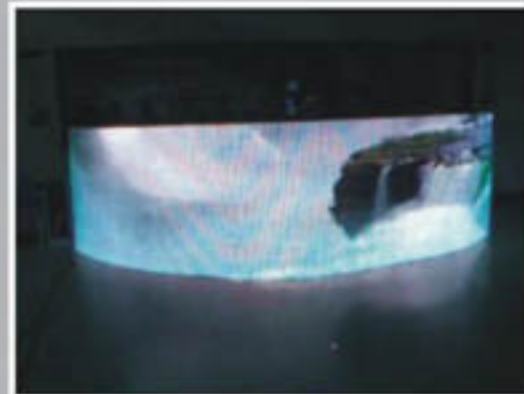




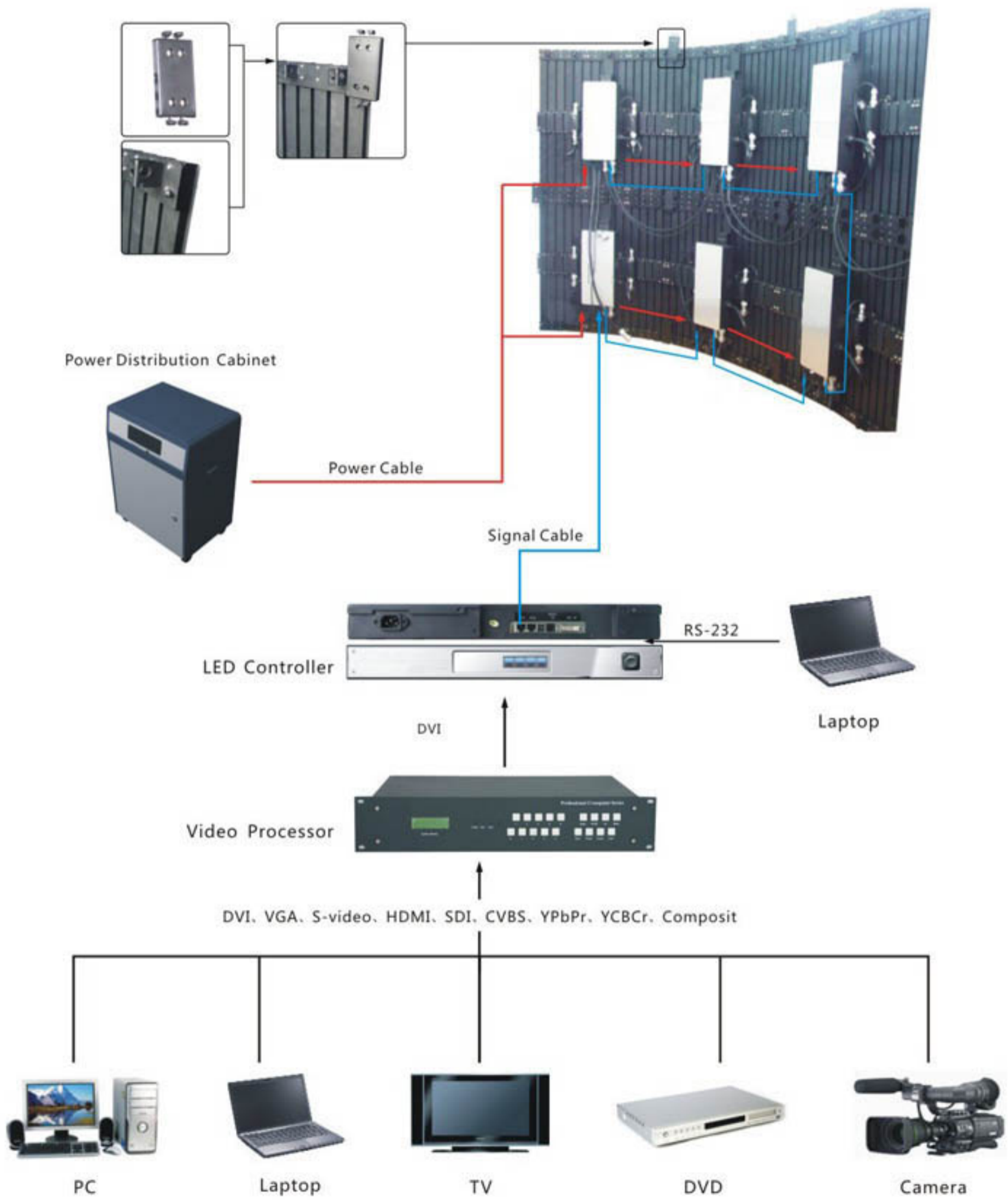
- World-first Patented Technology
- Modular Structure, Low-weight
- Curveable, Round dia. 1.5m
- High Weatherproof (IP65)
- High Processing Depth (14 bits)

Flex display breaks from concept of traditional outdoor display and bring new concept of light, thin, wind-through and flexible into external display. Modular design and various pitches make it well-suited to lots of applications. IP 65 makes it weatherproof to adverse outdoor condition.

Flex display is widely used in external advertising, building lighting etc, characterized as low- windage and super-cooling.



## SYSTEM CONNECTION DIAGRAM



## DATA SHEET

|                            |   |
|----------------------------|---|
| <b>Model No.</b>           | S20DC(32 x 32)R1  |
| <b>Curtain Composition</b> | Al-alloy frame, rubber compound dealing with seams for weatherproof |
| <b>Tile Size</b>           | 640 X 640 X 81 mm/tile  |
| <b>Tile Weight</b>         | 12 kg/tile  |
| <b>Tile Area</b>           | 0.4096 m <sup>2</sup> /tile   |
| <b>Pixel Pitch</b>         | 20mm  |
| <b>Luminosity</b>          | 5500 nits   |
| <b>Color Temperature</b>   | 6500 k  |
| <b>Visual Angle</b>        | 110° / 50° (50% brightness)   |
| <b>Visual Range</b>        | 160° / 80°  |
| <b>Pixel Configuration</b> | 1R 1G 1B (DIP)  |
| <b>Tile Resolution</b>     | 32 x 32pixels/tile  |
| <b>Pixel Resolution</b>    | 2500 pixels/m <sup>2</sup>  |
| <b>LED Quantity</b>        | 7500 LEDs/m <sup>2</sup>  |
| <b>Color Number</b>        | 16M   |
| <b>Processing Depth</b>    | 14 bits   |
| <b>Contrast Ratio</b>      | 2,000:1   |
| <b>Life Span</b>           | 100,000 hours - LED; 50,000-70,000 hour - body                      |
| <b>Frame Rate</b>          | 60Hz  |
| <b>Data Refresh Rate</b>   | 800Hz   |
| <b>Display Mode</b>        | synchronous with video source                                       |
| <b>LED Failure Rate</b>    | 1/10000   |
| <b>MTBF</b>                | >10000 hours  |
| <b>Drive Mode</b>          | Static, Constant Current Drive                                      |
| <b>Power Supply</b>        | AC 200-250V, 50Hz or AC 90-120V, 60Hz                               |
| <b>Working Voltage</b>     | DC 5V   |
| <b>Power Consumption</b>   | 800 w/m <sup>2</sup> (max); 450 w/m <sup>2</sup> (average)          |
| <b>Ingress Protection</b>  | front: IP65, back: IP65   |
| <b>Ambient Temperature</b> | - 20 to +50 Celsius degree  |
| <b>Relative Humidity</b>   | 10% to 99%  |