V10
10mm pixel pitch, 5,400 nits outdoor LED display

VTS COMPATIBLE **IP65/43** WATERPROOF WIDE VIEW **10** mm PIXEL PITCH
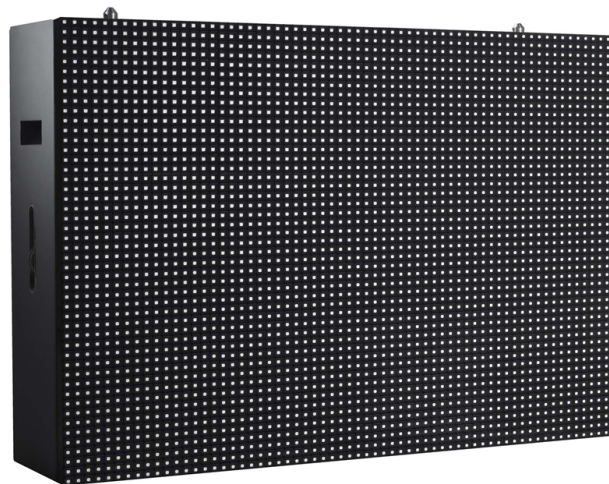
The V series LED displays are specifically designed for fixed installations in branding, digital out-of-home (advertising) and sports. They come at an attractive price without compromising on performance and reliability. Building on Barco's experience with high-end LED technology, the V series is supported by the DV-100 image processor with high-class Athena™ scaler for flexible scaling. Next to supporting standard inputs up to (dual) HD-SDI, the V-series also supports new standards like 3G SDI, HDMI and DisplayPort.

Easy setup and management

The V series is managed and controlled by the dedicated V series Toolset (VTS), a direct derivative of the first-class Director Toolset. The VTS comes with an intuitive interface for easy display management and offers advanced options such as brightness, gamma and color temperature control and display configuration. The V series are an excellent choice for basic LED display applications.

Ideally suited for outdoor use

The V10 is a tile-based outdoor LED display geared with 10mm pixel pitch SMD LEDs. Designed for outdoor use, it has successfully passed Barco's typhoon testing program which exceeds standard IP rating tests. Six weeks of heavy rain simulation proved that this product can withstand the most severe weather conditions.

Shaders for enhanced contrast and image quality

Barco's V10 features a unique shader design with louvers that minimize the reflection and impact of the sun on the LEDs for enhanced contrast levels and improved contrast/brightness ratio. It allows for lower absolute brightness levels that guarantee a longer LED lifetime without compromising on image quality.

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Product specifications	V10
Pixel pitch	10.0 mm
Brightness	5,400 nits
LED type	3-in-1 SMD
Pixel density	10,000/sqm 929/sqft 3,072/tile (64x48)
Viewing angle	H: 120 degrees V: +10/-50 degrees
Contrast ratio	1,200:1
Lifetime	50,000 hrs (@50 % brightness)
Power consumption	512 W/sqm 208 W/sqm typical
Tile size (WxHxD) in mm	640 x 480 x 135
Weight	20.0 kg/tile 44.1 lbs
IP rating	IP65/43
Processing	16 bit/color
Refresh rate	1,200 Hz
Max. stacking	20 tiles
Max. hanging	40 tiles
Interfaces/Ports	CAT5
Serviceability	back
Source compatibility (with digitizer)	DVI-I (CVBS/YC/YUV/DVI), RGB, SDI (HD/SD),HDMI, DisplayPort
Operatable digitizer	DV-100
Certifications	CE, ETL, CCC, FCC classA, RoHS, China RoHS,WEEE

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