

CRV-CurveView™

43" UHD Curved touch Monitor



Features

- Curved convex and concave format monitors
- Totally unique industrial design
- Compelling user experience
- Large format, deep curved sizes
- Integrated Projected Capacitive (PCAP) Multi-touch
- VGA, Display port, HDMI interface
- Enhanced solution for casino slot machines, gaming, signage, kiosks and other public information terminals
- 43" in Ultra HD (3840 x 2160)
- Portrait or Landscape
- Custom bending and monitor configuration available

Introduction

CurveView™ is the latest in a series of exciting product innovations from Advantech Display Systems. The introduction of deep curved profiles to a large area display creates exciting opportunities for industrial and user interface design alike. Packaged together with an industrial grade video card and power supply, CurveView™ is available with Triptic™ HDMI 1.4, HDMI 2.0, Display Port and Analog RGB and can be specified with or without 10-point multi-touch overlay. All products can be used in either portrait or landscape mode and are cleverly packaged in such a way that no further mechanical parts are needed other than a VESA mount to create a display system. The use of a metal chassis provides a rugged and stable platform to build solutions for the widest range of applications.

Typical Applications

- Casino Slot Machines
- Information kiosks
- Digital Advertising
- Way-finders and Digital Assistants
- Medical
- Gaming

	CRV-430WP (43" 1500R Concave Monitor)	
Model	CRV-430WP	Notes
Backlight	LED	Light Source
Resolution	3840 x 2160 (Ultra HD)	Native resolution. Other resolutions supported by A/D card scaling
Brightness	450 cd/m ²	Measured at typ. operating voltage
Viewing angle	89/89/89/89	Left/Right/Up/Down
Contrast Ratio (Resp.Time)	1100:1 (14ms)	In laboratory conditions
Touch Screen (optional)	4mm Multi-touch PCT (10 touches)	Projected capacitive glass overlay
Operating Temp	0° – 50° C	Professional use
Input / Output	HDMI 1.4 (2 ports), HDMI 2.0 (2 ports), Display Port x 1, VGA x1	
Power consumption	100 W (Typical)	
EMC certificated	CE/FCC	
Weight	Net Weight: 33kg / Gross Weight: 38kg	
Carton Dimension	1120L x 280W x 700H mm	

Display

This LCD module has a TFT active matrix type liquid crystal panel 3840 x 2160 pixels, and diagonal size of 43 inch. This module supports 3840 x 2160 mode. Each pixel is divided into Red, Green and Blue sub-pixels or dots which are arranged in vertical stripes. Gray scale or the brightness of the sub-pixel color is determined with a 10-bit gray scale signal for each dot. The CRV31-CurveView™ has been designed to apply the 10-bit V by one interface method. It is intended to support displays where narrow bezel width, long life, wide viewing angle, high color saturation, and high color depth are very important.

Display Characteristics

Items	Specification	Unit	Note
Active Screen Size	43	inch	
Display Area	941.184(H) x 529.416(V)	mm	
Outline Dimension	998.70(H) x 586.1(V) x 162.5(D)	mm	
Driver Element	a-Si TFT active matrix		
Display Colors	10 bits (1.07B)	colors	
Number of Pixels	3840 x 2160	Pixel	
Pixel Pitch	0.2451(H) x 0.2451(W)	mm	
Pixel Arrangement	RGB vertical stripe		
Display Operation Mode	Normally Black		
Surface Treatment	Glare, 6H		
Display Orientation	Portrait/Landscape Enable		

Dimensions

Unit: mm

