

# 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 <sup>2</sup>	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

