

UV862



# 86" UltraView™ UHD Outdoor TV

The UltraView™ UHD Outdoor TV is an all-season solution for outdoor entertainment and living. This outdoor TV is all weather rated and has an operating temperature range of -22°F to 122°F. Providing 4K resolution, with a brightness that is 3x the average of indoor TVs, the UV862 provides an exceptional viewing experience for outdoor entertainment. The TV is also equipped with a High TNI panel, which allows for direct sunlight readability without the risk of isotropic blackout. Whether it's an outdoor sports bar, throughout a stadium concourse, or in your backyard, quality outdoor entertainment is now a reality with UltraView.



All Weather Rated



Operating  
Temperature Range:  
-22°F - 122°F  
(-30°C - 50°C)

4K ULTRA HD™

- Operating temperature range of -22°F to 122°F
- High TNI panel allows for direct sunlight readability without the risk of isotropic blackout
- IPS panel allows for accurate color representation when viewing off axis
- High brightness (900cd/m<sup>2</sup>) combats high ambient lighting conditions
- USB media support allows still images, video and audio to be played from an attached USB flash drive
- IR extender input and IR repeater output provides flexibility for integration with control systems
- Supports HDMI 2.0 and HDCP 2.2 for increased compatibility with 4K sources
- Waterproof universal remote can control up to 3 additional devices
- Internal speakers provide excellent sound without detracting from the TV's aesthetics
- UV862 includes a Peerless-AV® Outdoor Flat Wall Mount to provide a secure installation
- Optional Accessory: Xtreme™ Outdoor Soundbar mounts right below or above the TV

#### ■ AMBIENT LIGHT SENSOR

Automatically adjusts brightness to best match the lighting conditions, which optimizes the display's power consumption and enhances the viewing experience (optional ALS extender accessory available)



#### ■ RUGGED EXTERIOR

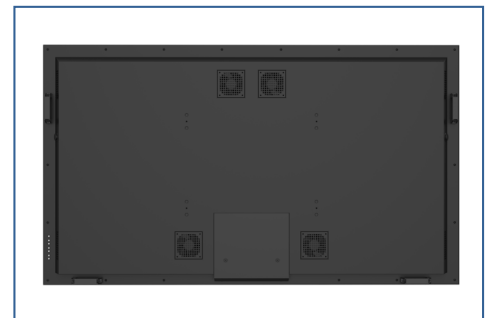
Aluminum construction materials provide the ultimate defense against weather and discoloration

#### ■ IPS PANEL

Provides exceptional picture quality from any angle



Waterproof  
Universal Remote



Sealed cable entry helps prevent water and debris from getting inside



UV862 86" UltraView™ UHD Outdoor TV

**LCD Display**

SCREEN SIZE	86" Class (85.6" Diagonal)
ASPECT RATIO	16:9
ACTIVE DISPLAY AREA	74.61" x 41.97" (1895.09 x 1066.04mm)
RESOLUTION	3840 x 2160
BRIGHTNESS	900cd/m <sup>2</sup>
COLOR DEPTH	10Bit (1.07 Billion Colors)
CONTRAST RATIO	1200:1
COLOR GAMUT	72% NTSC
PIXEL PITCH	.49mm x .49mm
VIEWING ANGLE	178° Vertical/Horizontal
RESPONSE TIME	8 ms (Gray to Gray)
REFRESH RATE	120Hz
OPERATING TIME	16/7
BACKLIGHT ADJUSTMENT	Automatic (Ambient Light Sensor)

**Environmental**

STORAGE AND OPERATING TEMPERATURE	-22°F to 122°F (-30°C to 50°C)
IP RATING	IP55
REGULATORY	CE, cULus, FCC Class B

**TV Controller Features**

ANALOG TV	NTSC
DIGITAL TV	ATSC, MPEG4, QAM256, H.264
PICTURE ADJUSTMENT	Brightness/Contrast/Tint Sharpness/Color
PICTURE MODE	Standard, Dynamic, Personal, Theater
COLOR TEMPERATURE ADJUSTMENT	Cool, Normal, Warm, Personal
SCREEN ADJUSTMENT	4:3, 16:9, Full, Zoom, Point to Point
CLOCK, SLEEP TIMER	Yes
V-CHIP	Yes

**Power**

AC INPUT	100 VAC to 240 VAC, 50 to 60 Hz
POWER CONSUMPTION	Typical: 409.6W Maximum: 457.2W Standby: <0.5W

**Mechanical**

SIZE (W x H x D)	76.87" x 44.24" x 4.13" (1953 x 1124 x 105mm)
INPUT COMPARTMENT (W x H x D)	11.4" x 5.29" x 2.18" (290 x 134 x 55mm)
VESA® PATTERN	600 x 400mm
NET WEIGHT	163lb (74kg)
COLOR	Black

**Input/Output Connections**

TV INPUT	Coax, 75 ohm (x1)
VGA INPUT	15 pin D-SUB (x1)
HDMI INPUT	HDMI 2.0/HDCP 2.2 (x3), 480p, 720p, 1080i, 1080p, 2160p
DISPLAY PORT	DisplayPort (x1), 480i, 480p, 720p, 1080i, 1080p, 2160p
CVBS INPUT	3.5mm (x1), 480i
YPBPR INPUT	3.5mm (x1), 480i, 480p, 720p, 1080i
VGA STEREO AUDIO INPUT	3.5mm (x1)
AUDIO STEREO OUTPUT	5W + 5W, Analog 3.5mm Headphone Jack
USB 2.0	USB A (Female) (x1)
RS232	3.5mm TRS Jack (x1)
TOSLINK DIGITAL AUDIO OUTPUT	Optical (x1)
IR EXTENDER INPUT	3.5mm (x1)
IR EXTENDER OUTPUT (REPEATER)	3.5mm (x1)
5VDC 2.4A OUTPUT (USB POWER)	USB A (Female) (x1)
12VDC 2.5A OUTPUT	Barrel 2.5mm (ID), 5.5mm (OD) (x1)
AMBIENT LIGHT SENSOR EXTENDER INPUT	3.5mm (x1)

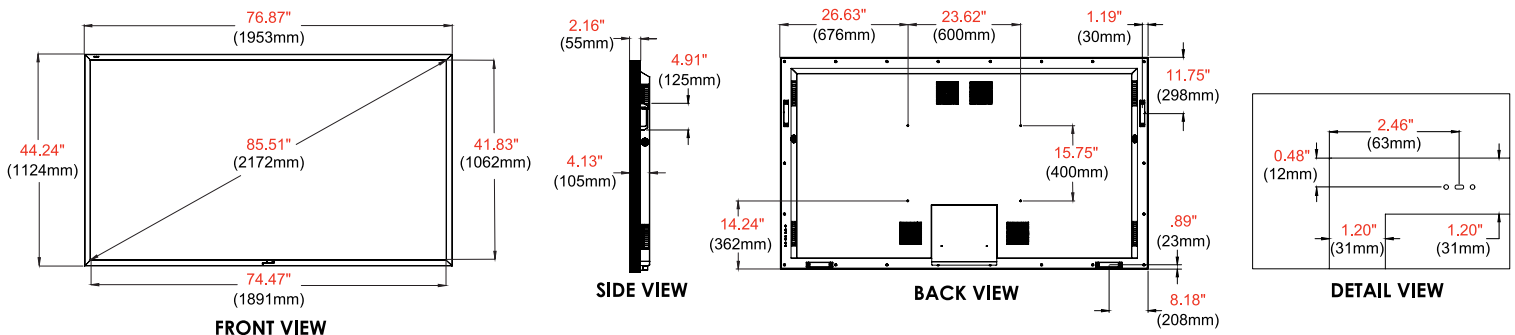
**Package Specifications**

	PACKAGE SIZE (W x H x D)	PACKAGE SHIP WEIGHT	PACKAGE UPC CODE	PACKAGE CONTENTS	UNITS IN PACKAGE
UV862	TBD	TBD	735029327974	Display, Universal Remote Control, Power Cord, Manual, Display Cover, IR Extender and Outdoor Flat Wall Mount	1

**Accessories**

ACCD-05K: 5V DC Power Kit	ACCD-ALG: Analog Accessory Kit	SPK-080: Xtreme™ Outdoor Soundbar
ACCD-12K: 12V DC Power Kit	ACCD-ALS: Ambient Light Sensor Extender	

All dimensions = inch (mm)



**Architect Specifications**

The UltraView™ UHD Outdoor TV shall be a Peerless-AV model UV862 and shall be located where indicated on the plans. Assembly and installation shall be done according to instructions provided by the manufacturer.

Visit [peerless-av.com](http://peerless-av.com) to see the complete line of AV solutions from Peerless-AV, including outdoor displays, kiosks, digital audio, display mounts, projector mounts, carts/stands, and a full assortment of accessories.

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