Ashton Bentley.

Product Overview

21:9 105” 5K Display

Doc Ref: 770-00067 Rev1 01/11/22

Introduction.

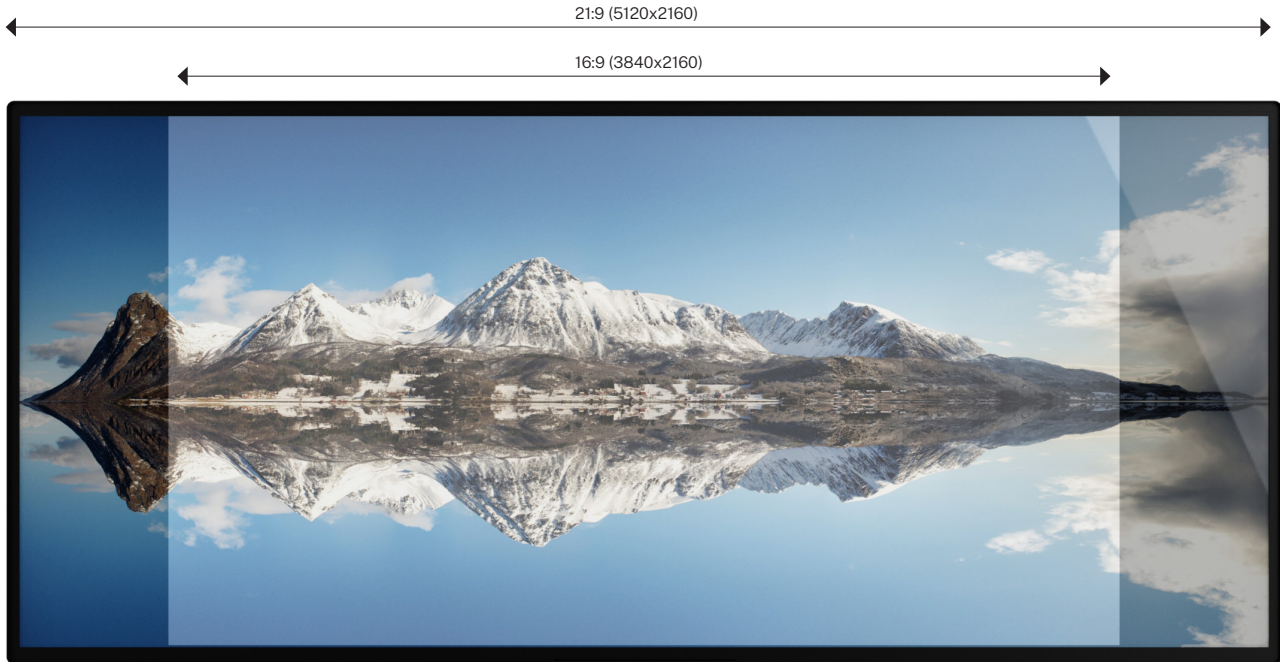
Expand your horizons with 21:9 5K displays from Ashton Bentley.

Show more content on a single large canvas and maximise the benefits of new collaboration technologies like Microsoft Teams Front Row.

Exciting opportunities to display content in many new ways in the meeting room, through digital signage or..... use your imagination!

Two versions: Non-Touch & Touch.

The first in a family of sizes is the ultra-wide panoramic 5K 105”.



Features at a Glance.

PIP

5K 60Hz ULTRA HD

LCD

21:9

TAA

HDR500

USB-C ULTRA HIGH SPEED

500 nits

Product Basics.

Stunning image quality with 5K 60Hz resolution and HDR500 fidelity.

- 90% NTSC Colour Gamut
- Ultra-high speed USB-C & DisplayPort 1.4 inputs
- 500 nits Brightness
- 2 x HDMI-2 inputs

Use Every inch of the Canvas.

PIP (Picture-in-Picture).

An image from another input can be overlaid over the main image. The positioning is flexible, and the PIP size can be ‘small’, ‘medium’ or ‘large’.

PBP (Picture-beside-Picture).

Two inputs displayed side by side. Useful for displaying separate outputs from an MTR or Zoom Room PC. The two images are the same size and will maintain their original aspect ratio.

Full Screen

Utilise the full extent of the canvas for Teams Front Row, or use an external multi-viewer to show multiple inputs.

Connectivity.

Input Connectors (Resolution 5120x2160 60Hz)
2 x HDMI 2.0 (5K 30Hz)
2 x DisplayPort 1.4 (MST)
1 x Audio

Output Connectors
1 x DisplayPort 1.4 (MST) (5K 60Hz)
1 x Audio Out
1 x SPDIF Out

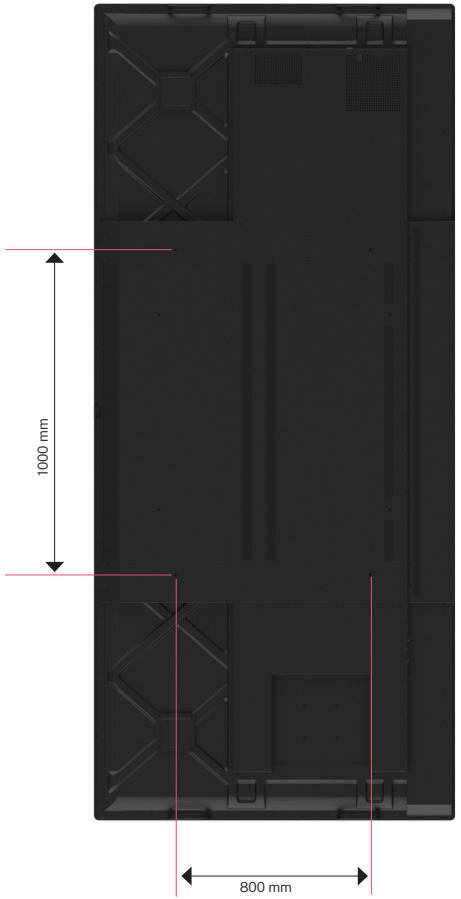
USB Ports
4 x Powered USB-A Type 3.0
2 x USB-B Type 3.0

Communication Ports
1 x Ethernet
1 x RS232C
1 x IR Extender

Touch
2 x Touch 2.0

OPS Slot
5K 30Hz, 96W, Intel-compliant

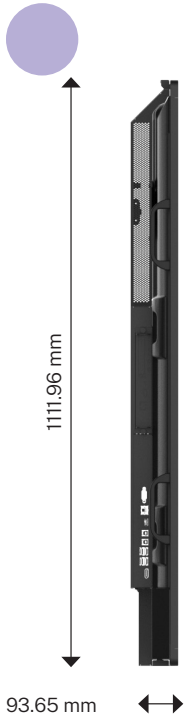
Power
1 x IEC Input
1 x IEC Output

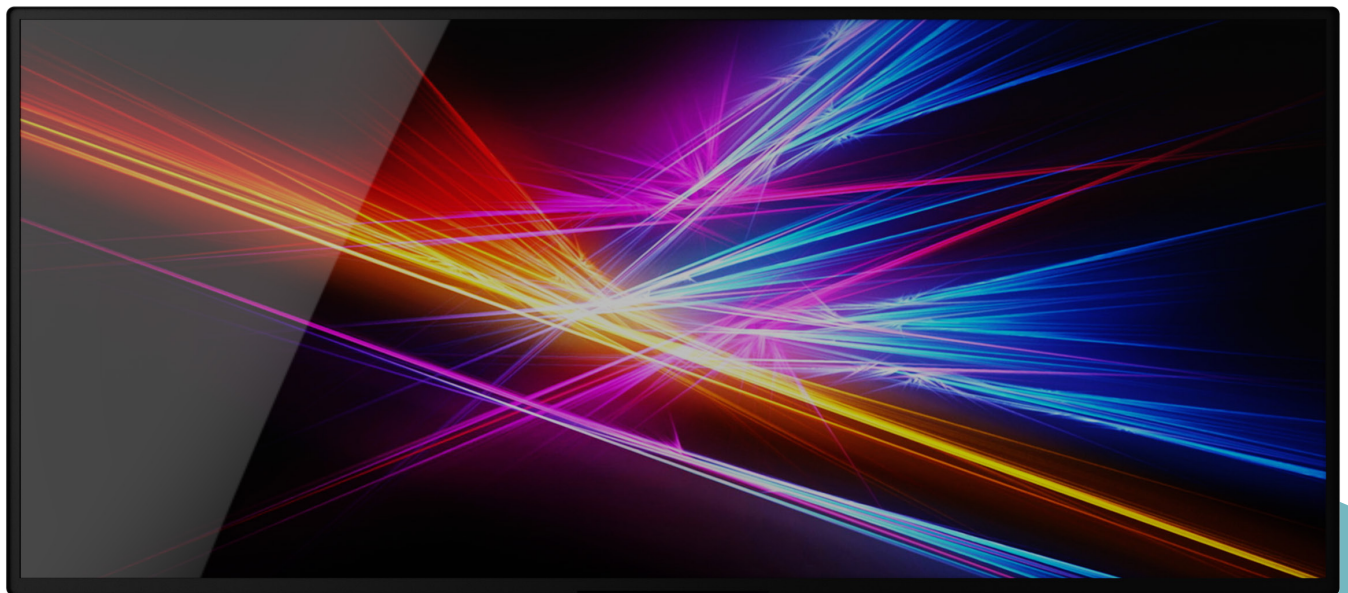


Vesa Mounting.

Large format VESA fixings allow the display to be hung on a variety of wall mounts. Both in landscape and portrait.

Display Dimensions.





Technical Overview.

LCD Panel

Brightness	500 cd/m2
Contrast Ratio	1200:1
Viewing Angle	178°/178°
Response Time	8 ms
Supported Colour	10-bit (8-bit + FRC)
Display Resolution	5120 x 2160
Display Frame Rate	60 Hz
Colour Gamut	88%
NTSCHDR Level	HDR500
Portrait/Landscape	Both
Technology	IPS

Mechanical

Construction	All Metal
Wall Mount	VESA
Fan-less Design	Yes

OSD Functions

OSD Control Function	RS232C, Keypad, IR Remote

Electical

Power Supply	Full Commercial
Normal Operation	AC 100V ~ 240V (50/60 Hz)
Power Off	≤ 0.5W
Speaker	10W x2

Environmental

Operating Temperature	5°C ~ 35°C, 35% ~ 75% RH

Touch Model.

Sensing Type	PCAP
Touch Points	50 simultaneous
Touch Tool	Passive stylus/finger
Accuracy	2mm passive stylus
Latency	<10 ms
Touch point	50
Minimum Object Size	± 1mm

Precision eraser
Microsoft Ink & HID compatible

TAA COMPLIANT

Optional Chassis Mount.

The Ashton Bentley Floor-to-Wall Chassis provides the ideal mounting solution.

Minimal building work with no need to reinforce the wall
All weight is on the floor, only tethering to the wall required. Brackets for this are included.

Simple & quick to assemble
Also means relocation is easy.

Easy access equipment storage
Front access to the large spaces via magnetic acoustic front panels. All hardware and cabling concealed inside.

Power distribution
IEC and power outlets included that provide internal power distribution for the display and other hardware. Therefore only one power feed to the system is required.

Optional Chassis Mount.

Acoustic front covers aavailable in 16 colours.
Customised covers to match interiors also available

Freestanding Base

Zero building work required. Ideal for placement against glass walls or in free space.

Floor-to-wall

Camera Placement.

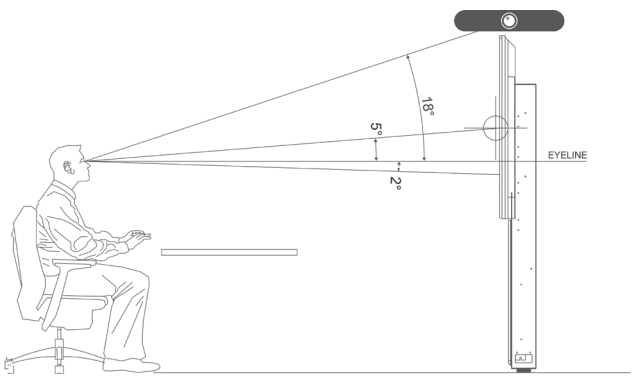
Two chassis heights with camera fixings

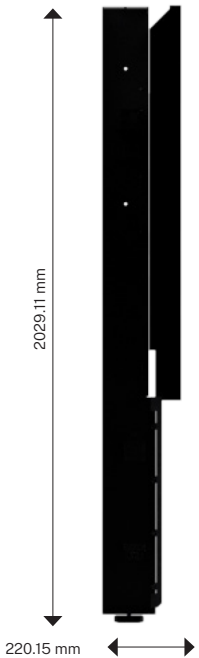
High Camera

Low Camera

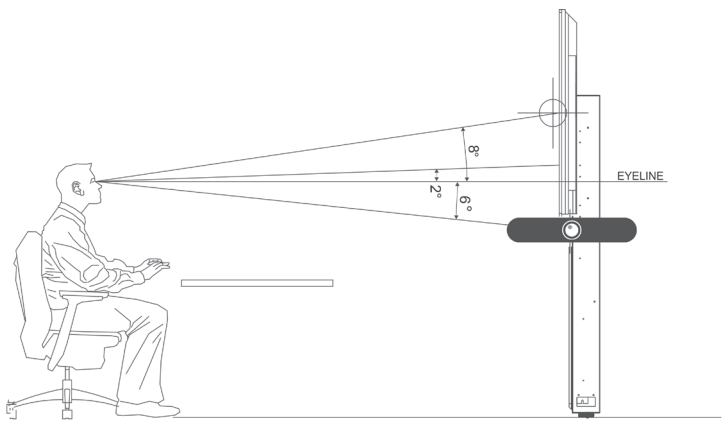
Raised hands (4)
Charlotte de Crum
Aaron Buxton
Robert Sharma
Kevin Mora
Fabrikam - VanArsdel
Microsoft Teams

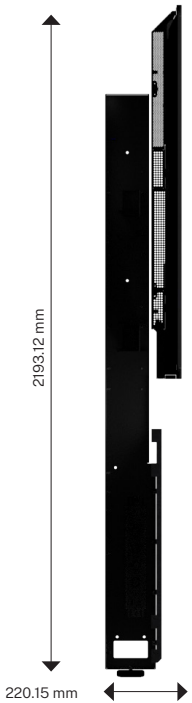
Chassis Dimensions - High Camera.





Chassis Dimensions - Low Camera.





Tables.

Ergonomic tables that provide an immersive experience with platforms such as Microsoft Teams with Front Row.

- Tablebox with USB-C & HDMI Retractors for laptop inputs.
- Simple and intuitive Touch Panel in the Tablebox for input selection
- Power sockets (country specific) & USB Charging in table legs
- Custom surfaces available to match room décor
- Modesty panels
- Larger seating capacity, including multi-level tiered layouts, available

TP4 Immersive 4 Seat Table.

TP6 Immersive 6 Seat Table.

Want to know more?

Ashton Bentley Collaboration Spaces ltd
www.ashtonbentley.com | spaces@ashtonbentley.com | +44 (0)207 100 1200

© 2011-2022 Ashton Bentley Group limited, All rights reserved. Ashton Bentley®, the Ashton Bentley logo and the names and marks associated with Ashton Bentley's products are trademarks and/or service marks of Ashton Bentley Collaboration Spaces and are registered and/or common law marks in the United States and various other countries. All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient's personal use, without the express written permission of Ashton Bentley.

Illustrations in this document might look different from your product
Content is subject to change without notice
3rd party manufacturers may make periodic changes to the operational behaviour and features of their product(s). Please refer to their resources for the latest information.