

**ARMOR** |

VIDEO WALL  
DISPLAY



**VIDEO WALL DISPLAY**  
Create The Ultimate Visual Impact

### KEY SPECIFICATIONS

High-Resolution Indoor LED Video Wall Solution

**BRAND**  
ARMOR

**MODEL**  
AVW-CB1201

**COUNTRY OF ORIGIN**  
USA

**ASSEMBLY & SHIPMENT**  
CHINA



DISPLAY DIMENSION (L x H x D)

**9.44 ft x 5.24 ft x 0.33 ft**  
(2.88 m x 1.60 m x 0.10 m)



SCREEN RESOLUTION

**2304 x 1280**  
pixels

Total Pixels: 2,949,120



PIXEL PITCH

**1.25 mm**  
(Ultra Fine)



CABINET LAYOUT

**3 x 2**  
(6 Cabinets)

### DISPLAY OVERVIEW

### PERFORMANCE HIGHLIGHTS



**BRIGHTNESS**  
600 nits



**REFRESH RATE**  
3840 Hz



**COLOR DEPTH**  
14-16 Bit



**VIEWING ANGLE**  
140°  
(H / V)



**LIFETIME**  
>100,000  
Hours

### POWER & EFFICIENCY



**MAX POWER CONSUMPTION**  
**2995.2 W**  
(650 W/m<sup>2</sup>)



**AVERAGE POWER CONSUMPTION**  
**1290.24 W**  
(280 W/m<sup>2</sup>)

### BUILD & STRUCTURE

Cabinet Size (W x H x D)	960 x 800 x 100 mm
Cabinet Quantity	6 pcs (3 x 2)
Material	Steel
Total Weight (Screen)	83 kg
Module Quantity (per Cabinet)	15 pcs



CABINET LAYOUT	SCREEN SIZE (m)	SCREEN SIZE (ft)	RESOLUTION (pixels)	TOTAL PIXELS
3 x 2	2.88 x 1.60	9.449 x 5.249	2304 x 1280	2,949,120



## LED MODULE DETAILS

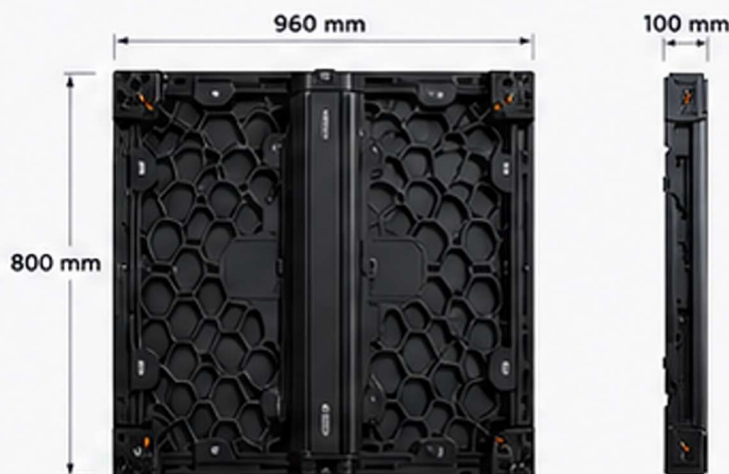
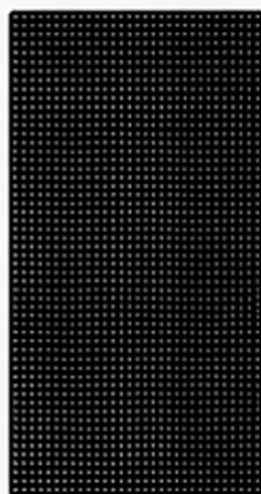
**PIXEL CONFIGURATION**  
1R 1G 1B

**LED TYPE**  
SMD1010

**PIXEL DENSITY**  
640,000 dots/m<sup>2</sup>

**MODULE SIZE (W × H)**  
320 × 160 mm

**MODULE RESOLUTION**  
256 × 128 dots



## SMART & RELIABLE FEATURES



**FRONT SERVICE**  
Easy maintenance  
with front access



**WIDE OPERATING TEMPERATURE**  
-20°C to +60°C



**OPERATING HUMIDITY**  
10% ~ 90%



**INGRESS PROTECTION**  
IP31



**DRIVING MODE**  
Constant  
Current



**BLIND SPOT RATE**  
≤ 0.0003

## CONNECTIVITY



HDMI



SDI



VGA



RJ45

**SOURCE COMPATIBILITY**  
HDMI, SDI, VGA, RJ45, etc...



(With Video Processor)

## INSTALLATION & CONTROL



**CONTROL DISTANCE**  
< 120 meters  
UTP CAT.6 network cable (without relay)



**OPERATING SYSTEM**  
Windows



**WAY OF SCAN**  
64 scans

## TECHNICAL PARAMETERS

Brightness	600 nits
Viewing Distance	1 m
Refresh Frequency	3840 Hz
Grey Level	14-16 bits
Lifetime at 50% Brightness	>100,000 hours
Input Voltage	AC220~240V
Driving Mode	Constant current
Viewing Angle (H / V)	140° / 140°

Service	Front service
Ingress Protection	IP31
Way of Scan	64 scans
Blind Spot Rate	≤ 0.0003
Operating Temperature	-20°C ~ +60°C
Operating Humidity	10% ~ 90%
Control Distance	<120 meters
Source Compatibility	HDMI, SDI, VGA, RJ45, etc...
Operating System	Windows



**ULTRA FINE**  
1.25mm Pixel Pitch



**HIGH PERFORMANCE**  
3840Hz Refresh Rate



**ENERGY EFFICIENT**  
Low Power Consumption



**BUILT TO LAST**  
100,000+ Hours



**PREMIUM QUALITY**  
Steel Cabinet

## Product Specifications

Particulars		Mentionable	
LED Display Brand		ARMOR	
LED Display Model		AVW-CB1201	
LED Display Country of Origin		USA	
LED Display Country of Assemble & Shipment		China	
Dimension of the display (Length x Width x Depth) in feet		9.44 ft x 5.24 ft x 0.33 ft	
<b>LED Module</b>			
Pixel pitch	1.25 mm	Pixel configuration	1R 1G 1B
Module size (w x h)	320*160mm	Module resolution	256*128 dots
Pixel Density/㎡	640000 dots	LED type	SMD1010
<b>LED cabinet</b>			
Cabinet size (w x h x d)	960*800mm*100mm	Module Quantity	15 PCS
cabinet resolution(dots) (w x h)	768	640	491520
Weight(kg/pc)	13	Material	steel
Max. Power consumption(w/sqm)	650	Avg. Power consumption(w/sqm)	280
<b>LED Screen</b>			
ITEM	Width	Height	Total
Cabinet Quantity(pcs)	3	2	6
Screen size (m)	2.88	1.6	4.608
Screen size (ft)	9.449	5.249	49.6
Screen resolution(dots)	2304	1280	2949120
Total weight for the screen(kg)	83		
Maxpower consumption(watts)	2995.2	Avg. Power consumption(watts)	1290.24
<b>Technical Parameter</b>			
Brightness	600 nits		
Viewing Distance	1m		
Refresh frequency	3840Hz		
Service	Front service		
Ingress Protection	IP31		
Way of Scan	64 scans		
Grey Level	14-16 bits		
Lifetime at 50% brightness	>100,000 hours		
Blind Spot Rate	≤0.0003		
Input voltage	AC220-240V		
Operating temperature	-20℃ ~ +60℃		
Operating humidity	10% ~ 90%		
Driving Mode	Constant current		
viewing angle	Horizontal / Vertical 140 deg.		
Control Distance	<120 meters: UTP CAT.6 network cable (without relay).		
Source compatibility (with video processor)	HDMI, SDI, VGA, RJ45, etc...		
Operating system	Windows		