

## PDS SLIMLINE OUTDOOR LED DISPLAY ENCLOSURE

### Description:

Sealed to IP54, 56, or 65 (depending on model), the slimline professional LED display enclosure ensures reliable display operation in a variety of outdoor locations and temperatures. While the sleek design enhances the look of your digital signage in customer-facing environments. The lockable, mild steel body protects your display from theft and physical damage, making it ideal for public settings.

With an expected lifespan of up to ten years, the professional LED display enclosure is a cost-effective alternative to dedicated outdoor screens. Use the display of your choice and upgrade your hardware whenever you want. Improved temperature management, from -30°C to 55°C, can extend the lifespan of your display, reducing the risk of downtime and maximising advertising ROI.



### PRODUCT SIZES: 24" - 75"

#### Benefits:

- Compatible with VESA mountable, high-bright displays from LG, NEC, Samsung, Dynascan and more.
- An attractive, slim profile design that enhances the appearance of your customer-facing digital signage.
- Improved environmental control extends the lifespan of your display, ensuring maximum ROI.
- Designed and manufactured by a trusted supplier with 25 years of international industry experience.












### ACCREDITATIONS & WARRANTY



## ENVIRONMENTAL CONTROL

Environmental control includes a range of interior components such as a microprocessor controller board, fans, heaters, insulation and optional air-conditioning, which work together to maintain the most cost efficient and 'green' operating temperature for your display.

### Models Available:

	LITE	STANDARD	COLD CLIMATE	HOT CLIMATE
	Semi-outdoor	Fully Outdoor	Fully Outdoor	Fully Outdoor
All Sizes	24", 32", 43", 47", 49" 50", 52", 55" & 75"			
Model code	L	S	H	AC
Temperature range	0°C to 30°C	-5°C to 35°C	-30°C to +35°C	-30°C to +55°C
IP/NEMA rating	IP54/NEMA4	IP56/NEMA4	IP56/NEMA4	IP65/NEMA4X
Colour	Black	Black	Black	Black
Interior mounting 	✓	✓	✓	✓
Quarter turn locks 	✓	✓	✓	✓
Filter fans 	✓	✓	✓	Static Fans
Anti-reflective window 	4mm, Anti-Reflective Polycarbonate	4mm, Anti-Reflective Polycarbonate	4mm, Anti-Reflective Toughened Glass	4mm, Anti-Reflective Toughened, Glass
Air curtain (patented) 	✓	✓	✓	✓
Internal plenum chambers 		✓	✓	
Internal heating 		✓	✓	✓
Insulation 			✓	✓
Controller board 		✓	✓	✓
Air conditioning 				✓ (white colour)
Wall mounting (optional) 	Flat or Tilt	Flat or Tilt	Flat or Tilt	Requires AC Brackets (flat)

### The Controller Board:

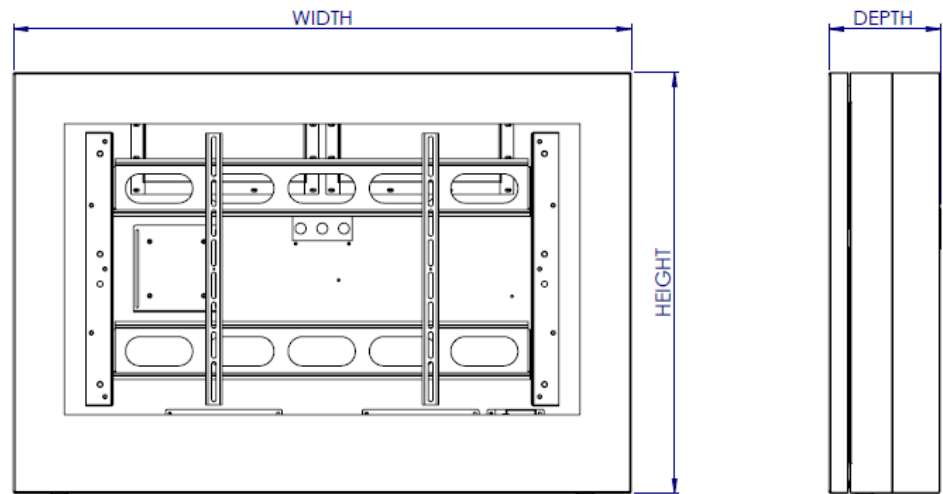
The controller board is an innovative feature found on all Armagard enclosures, managing the on-off commands for airflow and environmental control.

*Note: Final specification is dependent on the order agreed with your account manager.*



## ENCLOSURE DESIGN

Enclosures are designed by Armagard's experienced in-house design engineers. If you require a model specific schematic, please contact your account manager.



## ENCLOSURE DIMENSIONS

DISPLAY (in)	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	POWER* (w)	ENCLOSURE WEIGHT (kg)	PRODUCT CODE
24 (black)	510	700	208	47-259	TBC	PDS-V18-24-W-L
32 (black)	595	881	214	47-259	TBC	PDS-V18-32-W-L
43 (black)	775	1140	206	82-445	TBC	PDS-V18-43-W-L
47 (black)	830	1230	235	82-445	TBC	PDS-V18-47-W-L
49 (black)	830	1230	235	82-445	TBC	PDS-V18-49-W-L
50 (black)	900	1350	222	77-440	TBC	PDS-V18-50-W-L
52 (black)	900	1350	222	77-440	TBC	PDS-V18-52-W-L
55 (black)	940	1410	235	107-470	TBC	PDS-V18-55-W-L
75 (black)	1215	1865	235	TBC	TBC	PDS-V18-75-W-L

Power\* - Power ratings given reflect lite to cold climate builds, for information on hot climate build power consumption, please contact your account manager.

## NEW FEATURES

### DOOR

Newly redesigned, enclosure doors are now thinner and lighter, making them quicker to open and position, using an updated and stronger door strut that slots into a groove on the enclosure (can also be pinned). Furthermore, the door secures into a new, bubble gasket seal (rubber) on the enclosure's body, which offers an enhanced watertight seal that improves liquid ingress protection.

### INTERIOR MOUNTING

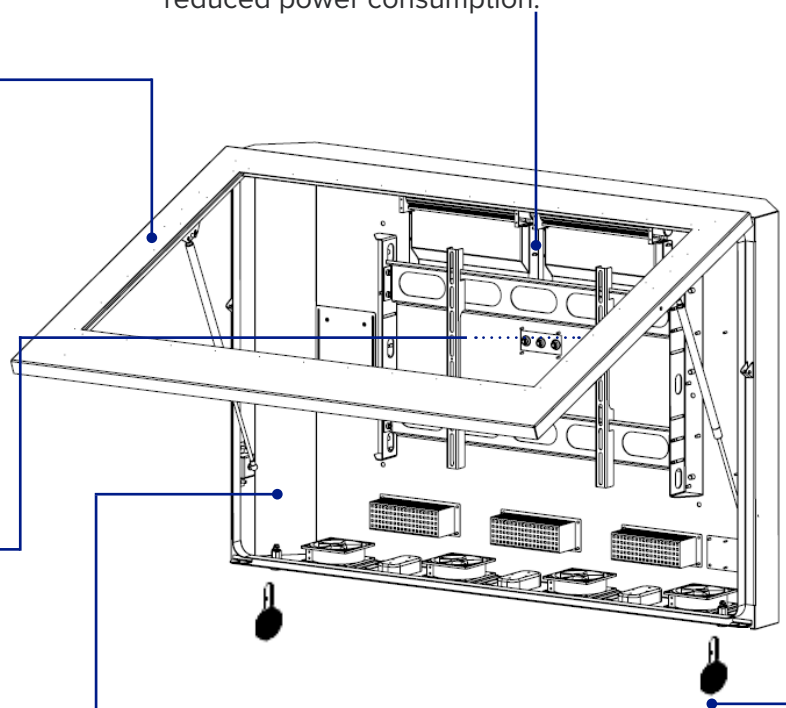
The screen's interior mounting bracket has been redesigned to improve airflow cooling towards the rear of the screen - especially important within hotter environments when using an Air Conditioner.

### REAR CORNERS

With Plenum Chambers now an internal feature, the unit's rear vertical corners have been greatly slimmed down, which not only improves the enclosure's aesthetic appearance, but also reduces its footprint, and provides wall mounting flexibility.

### PLENUM CHAMBERS

Repositioned inside the enclosure, and using newly integrated Cross-Flow Blower fans, Plenum Chambers (patented) now further improve upon the enclosure's airflow cooling capabilities, whilst facilitating a quieter operating volume alongside reduced power consumption.



### LOCKS

Each of the door's two key locks has been upgraded to a new 'safety, quarter turn lock'. This type of lock offers enhanced two factor security, as the external locking barrel must firstly be removed with a standard key, before using a square quarter-turn key to completely release the internal lock. Keeping thieves out and ensuring peace of mind.

\*Images are not representative of the final product.

## PRODUCT USAGE



Image: PDS-42 landscape enclosure for an outdoor festival, UK.



Image: Five PDS-42 landscape enclosures for a football stadium, Poland.



Image: One PDS-52 landscape enclosure for a bistro pub, Twickenham, UK.



Image: A series of PDS-47 landscape enclosures for Schiphol Airport, Amsterdam, Netherlands.

## ASSURANCES

- ✓ Two Decades of Industry Experience and Solutions.
- ✓ Extensive Product Range and Quick Delivery.
- ✓ Fast-Track Design Process for Custom Projects.
- ✓ Enclosures Sealed to International Ratings.

### Why Choose Armagard?

Delivering environmental protection for over 25 years, Armagard has a solid reputation for producing high quality products, which is why we are trusted by companies like NEC, Volvo, and British Swimming.



### What Our Customers Say:

“Volvo Bil chose Armagard because they provide high quality enclosures, with good protection against weather, vandals, as well as climate control to always keep the monitors dry and readable. We'll definitely continue to use Armagard enclosures. Husse Hellstrom, Volvo Bil, Gothenburg, Sweden.”



### Peace of mind guarantee:

Reliability is built into our products by design, which is why all of our enclosures carry a 5 year warranty on mechanical hardware, and up to 5 years on electrical parts (component specific).

