Outdoor Digital Signage Enclosures

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ARMAGARD

About Us

As enclosure specialists, Armagard provide cost effective solutions that minimise risk, but maximise the display possibilities of an integrated screen.

With a background in hardware protection, and over two decades of industry experience, Armagard enclosures will mount a standard LCD screen and use a combination of durable outdoor protection and interior environmental control to sustain and support display efficiency.

Protecting against heavy rain, extreme temperatures and forceful impacts, Armagard enclosures are available for both indoor and outdoor applications, in both wall mounted and freestanding designs.

Armagard continually strive to deliver on the high expectations of our passionate customers, through innovation and creativity.

Table of Contents

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PTD
PROJEKTIONSTECHNIK
DRECHSLER

PTD
PROJEKTIONSTECHNIK
DRECHSLER

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Market Applications

Outdoor Digital Signage

Choose from a unique range of 19"-75" outdoor & indoor ready enclosures, manufactured to IP & NEMA industry standards. Completely customisable, add touch screen features, anti-glare technology & temperature regulating systems. Available in various designs including totem, landscape & portrait styles, units come complete with a 5-year warranty for mechanical parts.

Outdoor Menu Boards

From one central point, you can control any menu changes when you install Armagard's Menu Boards. No more putting up or taking menus down & no recurring printing costs just to change one menu item, and not only does it improve your brand consistency, it adds a further touch of class to your establishment increasing your appeal to diners.

Education

Use digital signage to display relevant information to staff, students, parents & visitors. Replace static, uninspiring noticeboards, cluttered with too many messages & reduce printing costs. Create a sense of community & involvement by promoting events & achievements. Motivate by showcasing students' work, creating a sense of pride & accomplishment.

Sporting Events

Reach a ready-made audience of sports fans at sporting events, by communicating in a fresh way & improving merchandise sales & income from concession stands during intervals. Install digital signage throughout stadiums across concourses, corporate boxes, media areas, dining facilities & dressing rooms. In emergency situations, utilise as a message notification system.
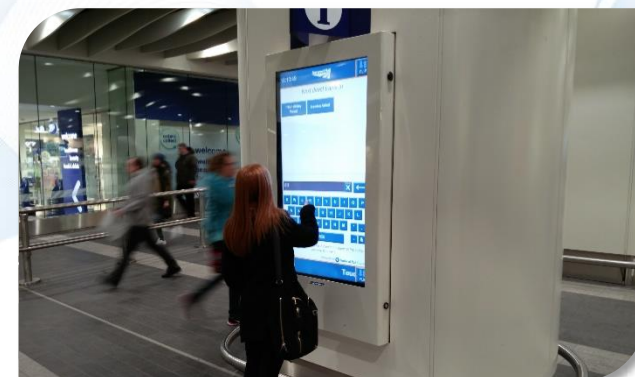
Transport

Great for airports, train stations, bus depots & taxi ranks, go digital & display information in real-time, keeping customers constantly informed. Ease the strain on manned information stands & reduce printing costs. Update information quickly & conveniently & occupy the time of commuters & travellers caught in a queue.

Residential

The inexpensive alternative to dedicated outdoor TVs, the outdoor TV enclosure is easy to install. A low maintenance, long lasting unit offering up to 10 years of TV protection, safeguard any mainstream TV up to 75".

Wayfinding

Use digital signage across any industry sector – health care, hospitality, education & retail – as a wayfinding system. They're easily identifiable for users, simple to use & can be positioned in key locations. Running a special promotion? Direct customers to your door to buy what you're offering.
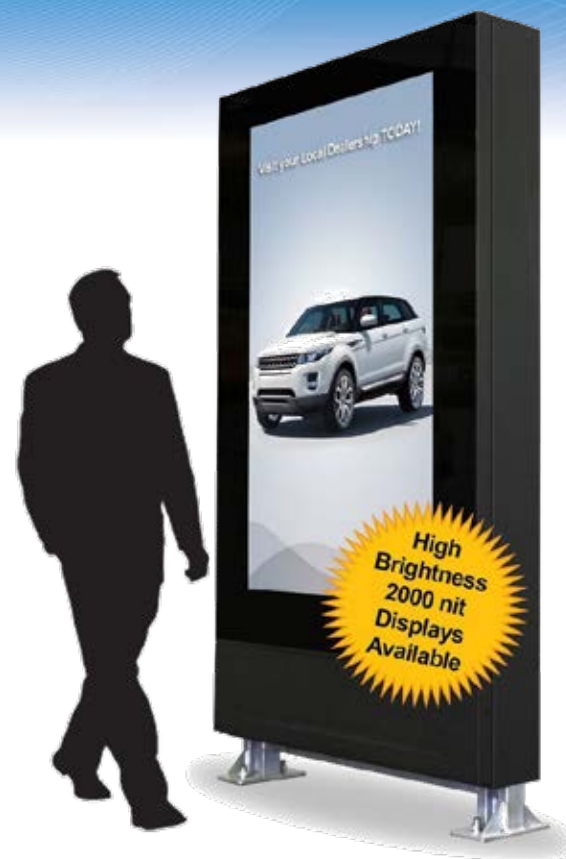
Totems

Free Standing Signage

Deliver eye-level messaging that improves engagement and increases your advertising ROI, with the Armagard outdoor totem range.

Sleek and stylish, Armagard's waterproof outdoor totems are perfect for attracting attention in large open areas, and ideal for applications as advertising displays, digital menu boards, or way-finding units.

A 47" totem enclosure at Gatwick airport.

Manufactured from durable powder-coated mild steel, and sealed with silicone to an IP56 industry standard, Armagard totems will reduce expensive replacement purchases, and protect hardware against vandalism, dust, harsh weather, and extreme temperatures ranging from -30°C to +55°C *(depends on model spec).*

High Brightness 2000 nit Displays Available

32" - 75"

VESA | IP56 OUTDOOR RATED | NEMA 4

High Bright Ready

Combine this unit with a cost-effective Armagard display, and banish outdoor glare and reflections with the 2,000 NIT high bright screen. Great for areas with continuous direct sunlight; get your messages seen and increase sales from outdoor digital signage.

1 YEAR ELECTRICAL WARRANTY | 5 YEAR MECHANICAL WARRANTY

Benefits

- ✓ Increases Sales from Outdoor Digital Signage.
- ✓ Freestanding Signage for High-Footfall Areas.
- ✓ Minimises Downtime & Lost Ad Revenue.
- ✓ Increases Display Efficiency & Lifespan.

Environmental Control

Environmental Control features a range of interior components such as fans, heaters and insulation, which work together to maintain the most efficient operating temperature for your display, even in climates where extreme temperatures can vary annually from intense heat to sudden freezing (-30°C to +55°C).

Enclosure Design Types

Armagard's outdoor totems are available in either a single or double-sided format, and vary across three different design types sorted by unit size.

1. 72" - 75" – The Classic 6-Sheet Design.
2. 55" – The Monolith Design.
3. 32" & 47" – The Quick Service Restaurant (QSR) Design.

The 55" monolith design.

Sizes – 32" 47" 55" 72" 75"

Environmental Control	Standard *Full-Outdoor*	Cold Climate *Full-Outdoor*	Hot Climate *Full-Outdoor*
All Sizes	32" 47", 55", 72" & 75"		
Model Code	S	H	AC
Temperature Range	-5°C to +35°C	-30°C to +35°C	-30°C to +55°C
IP/NEMA Rating	IP56/NEMA4	IP56/NEMA4	IP65/NEMA4X
Colour	Black	Black	White
Interior Mounting	✓	✓	✓
Dual Security Locks	✓	✓	✓
Filter Fans	✓	✓	✓
Anti-Reflective Window	Anti-Reflective Polycarbonate	Anti-Reflective Glass	Anti-Reflective Glass
Air Curtain	✓	✓	✓
Plenum Chambers	✓	✓	
Internal Heating	✓	✓	✓
Controller Board	✓	✓	✓
Insulation		✓	✓
Air Conditioning (white)			✓ Shipped Separately

ARMAGARD

Landscape

Outdoor Digital Signage

Armagard's landscape LCD enclosure is a definitive piece of digital signage hardware, perfect for entry level installations, right through to large scale outdoor networks.

This protective outdoor enclosure is sealed to NEMA4/IP56, providing a shield against heavy rain, dust, extreme temperatures, high impact forces and electrical surges.

A 52" landscape enclosure in a beer garden.

Available for screen sizes ranging from 19" up to 75", an Armagard LCD enclosure can be installed with most commercially or professionally made display types. Furthermore, screens can be installed quickly using the universal VESA mounting system, and have enough additional space to fit a separate media player or micro-PC.

19" - 75"

VESA | IP56 OUTDOOR RATED | NEMA 4

High Brightness 2000 nit Displays Available

High Bright Ready

Combine this unit with a cost-effective Armagard display, and banish outdoor glare and reflections with our 2,000 NIT high bright screen. Great for areas with continuous direct sunlight; get your messages seen and increase sales from outdoor digital signage.

1 YEAR ELECTRICAL WARRANTY · 5 YEAR MECHANICAL WARRANTY

Benefits

- ✓ Maximises Advertising Return on Investment.
- ✓ Increases Sales from Outdoor Digital Signage.
- ✓ Minimises Downtime & Lost Ad Revenue.
- ✓ Increases Display Efficiency & Lifespan.

Environmental Control

Environmental Control features a range of interior components such as fans, heaters and insulation, which work together to maintain the most efficient operating temperature for your display, even in climates where extreme temperatures can vary annually from intense heat to sudden freezing (-30°C to +55°C).

Available in four configurations and across all landscape sizes, Armagard's tested environmental control will work all-year-round, and is suitable for a variety of climates and sunlight conditions. So, make your display outdoor ready, and avoid the premium cost of inflexible outdoor displays with a landscape LCD enclosure.

An open 60" 'cold climate' enclosure.

Sizes – 19" 24" 32" 42" 47" 52" 55" 60" 70" 72" & 75"

Environmental Control	Lite *Semi-Outdoor*	Standard *Full-Outdoor*	Cold Climate *Full-Outdoor*	Hot Climate *Full-Outdoor*
All Sizes	19", 24", 32", 42", 47", 52", 55", 60", 70", 72", & 75"			
Model Code	L	S	H	C
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	✓	✓	✓	✓
Dual Security Locks	✓	✓	✓	✓
Filter Fans	✓	✓	✓	✓
Anti-Reflective Window	Anti-Reflective Polycarbonate	Anti-Reflective Polycarbonate	Anti-Reflective Glass	Anti-Reflective Glass
Air Curtain	✓	✓	✓	✓
Plenum Chambers		✓	✓	
Internal Heating		✓	✓	✓
Controller Board		✓	✓	✓
Insulation			✓	✓
Air Conditioning (white)				✓ Shipped Separately
Wall Mounting	Flat or Tilt	Flat or Tilt	Flat or Tilt	Requires AC Brackets (flat)

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ARMAGARD

Portrait

Information Signage

Display content like a page from a book, with the outdoor portrait flat panel enclosure from Armagard. Perfect for those slimmer wall areas; engage customers outside of your establishment, and increase footfall and sales from promoted items.

Available in sizes ranging from 32" to 60", the portrait enclosure is manufactured from mild-steel, sealed to NEMA4/IP56, and will protect against heavy rain, dust, extreme temperatures, thrown objects, and electrical surges.

Twenty 42" portrait enclosures for a cinema.

Portrait enclosures excel as information boards; making them ideal for a range of applications where text based advertising is often used, such as transport shelters, store fronts, and sports venues. Ideal for customers who need to scan and read information quickly, a portrait enclosure is the perfect format for ensuring critical information is delivered without interruption.

32" - 60"

VESA | IP56 OUTDOOR RATED | NEMA 4

Outdoor Ready

Rugged, wall-mounted and more cost-effective than buying a restrictive outdoor display, an Armagard enclosure can provide hardware protection for up to a decade, and allows you to upgrade interior hardware on your own terms.

Benefits

✓ Increases Sales from Outdoor Digital Signage.
✓ Maximise Advertising Return on Investment.
✓ Portrait Display for Text Based Communication.
✓ Minimises Downtime & Productivity Loss.

1 YEAR ELECTRICAL WARRANTY | 5 YEAR MECHANICAL WARRANTY

Environmental Control

Environmental Control features a range of interior components such as fans, heaters and insulation, which work together to maintain the most efficient operating temperature for your display, even in climates where extreme temperatures can vary annually from intense heat to sudden freezing (-30°C to +55°C).

Available in four configurations and across all portrait sizes, Armagard's tested environmental control will work all-year-round, and is suitable for a variety of climates and sunlight conditions. So, make your display outdoor ready, and avoid the premium cost of inflexible outdoor displays, with a portrait LCD enclosure.

An open 42" 'standard' portrait enclosure.

Sizes – 32" 42" 47" 52" 55" & 60"

Environmental Control	Lite *Semi-Outdoor*	Standard *Full-Outdoor*	Cold Climate *Full-Outdoor*	Hot Climate *Full-Outdoor*
All Sizes	32", 42", 47", 52", 55", & 60"			
Model Code	L	S	H	C
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	✓	✓	✓	✓
Dual Security Locks	✓	✓	✓	✓
Filter Fans	✓	✓	✓	✓
Anti-Reflective Window	Anti-Reflective Polycarbonate	Anti-Reflective Polycarbonate	Anti-Reflective Glass	Anti-Reflective Glass
Air Curtain	✓	✓	✓	✓
Plenum Chambers		✓	✓	
Internal Heating		✓	✓	✓
Controller Board		✓	✓	✓
Insulation			✓	✓
Air Conditioning (white)				✓ (shipped separately)
Wall Mounting	Flat or Tilt	Flat or Tilt	Flat or Tilt	Requires AC Brackets (flat)

ARMAGARD

Touchscreen

Hands-on Signage

Engage with prospects 24/7 with an Armagard touchscreen enclosure; great for displaying interactive advertisements, product information and guiding customers towards a purchase decision.

Using capacitive technology to generate an interactive touchscreen field, Armagard's PDS touchscreen solution is available as an optional upgrade across our entire enclosure range, in either a single or multi-touch format.

A 42" touchscreen enclosure for a factory line.

Applied behind 5mm thermally toughened anti-reflective glass. Touch-foils represent an ideal solution for outdoor interactivity when combined with the protection of an Armagard enclosure. Securing the foil against any damage during adverse weather conditions and any heavy handed operators.

32" - 72" VESA IP56 OUTDOOR RATED NEMA 4

Enclosure Ready

In addition, touch-foils can be applied to the majority of our enclosures such as landscape, portrait and totem units, and all environmental models (L, S, H & C), in sizes from 32" to 72".

1 YEAR ELECTRICAL WARRANTY · 5 YEAR MECHANICAL WARRANTY

Benefits

✓ Increases Sales from Outdoor Digital Signage.

✓ Increases Display Efficiency & Lifespan.

✓ Minimises Downtime & Lost Ad Revenue.

Touch Foils

Touch-foils function by outputting their capacitive touch-field via an attached USB cable, which is compatible with either a USB enabled slim-line PC or MAC.

Armagard touch-foils are available in standard sizes, from 32" up to 72", and in single or multi-touch packages. Larger sizes are also available, but as an enhanced option.

A 52" touchscreen enclosure

Sizes – 32" 42" 47" 52" 55" 60" 70" & 72"

Capacitive Foil	Single Touch	Multi-Touch
Cost is the same across landscape, portrait and totem models.		
Specification		
Window Type	Glass Only	
Software	Windows, MAC (beta only)	
Speed of Response	Typically 18-50ms	
Temperature Range	14°F to 158°F	
Humidity	0% to 95%. Unaffected by Condensation	
Light Transmission	Typically better than 93%	
Output	RS-232C to 9 Pin D Female, USB to RS232 Adapter, USB 2.0 HID Male to Male Mini B	
Sensitivity	Useable with gloves	
Media Player		
Slimline PC, MAC or Media Player with Computer Functionality		

ARMAGARD

Stainless

Washdown Signage

The stainless version of our LCD enclosure - the SDS unit - is manufactured from food grade (316) stainless steel, and provides additional protection benefits when compared with our standard powder coated model. Most notably, the unit is suitable for daily washdown cleaning and features enhanced corrosion resistance.

Two, 42" Stainless enclosures for a laboratory.

Primarily designed to reduce the spread of bacteria in food manufacturing, medical environments and pharmaceutical labs, a stainless steel LCD enclosure is ideal for sensitive working environments that require messaging solutions, which don't compromise hygiene and cleanliness standards.

Capable of drawing attention from those nearby with its unique aesthetic design, the SDS enclosure is perfect for installations looking for something with a reliable performance, but also a distinctive design edge.

24" - 55" VESA IP56 OUTDOOR RATED NEMA 4

Maintain Hygienic Conditions

Manufactured from food grade (316) stainless steel, and sealed to IP56. This stainless enclosure can be fully jet washed to eliminate daily build-ups of dirt and excess in food manufacturing. Enhancing corrosion resistance, and keeping your messages running, where other displays could not!

Benefits
1 YEAR ELECTRICAL WARRANTY 5 YEAR MECHANICAL WARRANTY

- ✓ Increases Sales from Outdoor Digital Signage.
- ✓ Washable Solution for Hygienic Messaging.
- ✓ Minimises Downtime & Lost Ad Revenue.
- ✓ Increases Display Efficiency & Lifespan.

Environmental Control +Support

Environmental Control features a range of interior components such as fans, heaters and insulation, which work together to maintain the most efficient operating temperature for your display, even in climates where extreme temperatures can vary annually from intense heat to sudden freezing (-30°C to +55°C).

Available in four configurations and across all stainless sizes, Armagard's tested environmental control will work all-year-round, and is suitable for clean environments that require daily cleaning and washdowns.

An open 42" 'standard' stainless enclosure.

Sizes – 24" 32" 42" 52" & 55"

Environmental Control	Lite *Semi-Outdoor*	Standard *Full-Outdoor*	Cold Climate *Full-Outdoor*	Hot Climate *Full-Outdoor*
All Sizes	24", 32", 42", 52", & 55"			
Model Code	L	S	H	C
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	Stainless	Stainless	Stainless	Stainless
Interior Mounting	✓	✓	✓	✓
Dual Security Locks	✓	✓	✓	✓
Filter Fans	✓	✓	✓	✓
Anti-Reflective Window	Anti-Reflective Polycarbonate	Anti-Reflective Polycarbonate	Anti-Reflective Glass	Anti-Reflective Glass
Air Curtain	✓	✓	✓	✓
Plenum Chambers		✓		
Internal Heating		✓	✓	✓
Controller Board		✓	✓	✓
Insulation			✓	✓
Air Conditioning				✓ (White Colour)
Wall Mounting	Flat or Tilt	Flat or Tilt	Flat or Tilt	Requires AC Brackets (flat)

Menu Boards

Drive-Thru Advertising

Grab the attention of passers-by & up-sell complimentary items at your eatery, combining your requirements and Armagard's extensive skill set.

Outdoor Digital Menu Boards free you from the hassle of changing static menu boards. From one central point, you can control any menu changes. No more putting up or taking menus down & no recurring printing costs just to change one menu item. Additionally, you can quickly switch between breakfast, lunch and dinner menus without delays.

Drive thru menu boards installed at McDonald's

Reduce perceived wait times, entertain, and enhance the customer experience. Not only does Outdoor Digital Signage improve your brand consistency, it adds a further touch of class to your establishment increasing your appeal to diners.

32" - 75"

High Bright Ready

Combine this unit with a cost effective Armagard display, and banish outdoor glare and reflections away with our 2,000 high bright candela display. Great for areas with continuous direct sunlight; get your menu's seen and increase sales from Digital Outdoor Menu Boards!

Benefits

- ✓ Increases Sales from Outdoor Digital Signage.
- ✓ No More Printing & Shipping Costs.
- ✓ Helps Ensure Brand Consistency.
- ✓ Automatically Change Menu when Required.

Environmental Control

Environmental Control features a range of interior components such as fans, heaters and insulation, which work together to maintain the most efficient operating temperature for your display, even in climates where extreme temperatures can vary annually from intense heat to sudden freezing (-30°C to +55°C).

The Quick Service Restaurant (QSR) standard design is 47", however, other sizes are available. Contact Armagard to enquire further.

Floor mounted & fitted designs available.

Sizes:-

32" 47" 55" 70" 72" 75"

Environmental Control	Lite *Semi-Outdoor*	Standard *Full-Outdoor*	Cold Climate *Full-Outdoor*	Hot Climate *Full-Outdoor*
All Sizes	32", 47", 55", 70", 72" & 75"			
Model Code	L	S	H	C
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	✓	✓	✓	✓
Dual Security Locks	✓	✓	✓	✓
Filter Fans	✓	✓	✓	✓
Anti-Reflective Window	Anti-Reflective Polycarbonate	Anti-Reflective Polycarbonate	Anti-Reflective Glass	Anti-Reflective Glass
Air Curtain	✓	✓	✓	✓
Plenum Chambers		✓	✓	
Internal Heating		✓	✓	✓
Controller Board		✓	✓	✓
Insulation			✓	✓
Air Conditioning (white)				✓ (shipped separately)
Wall Mounting	Flat or Tilt	Flat or Tilt	Flat or Tilt	Requires AC Brackets (flat)

TV Screen Protector

Retail Totem

Indoor Protection

Save money on TV repairs and protect your wall-mounted display with the Armagard indoor screen protector. Manufactured from powder coated mild steel, and fitted with a polycarbonate window (10x stronger than glass), this enclosure will protect your wall mounted LCD/LED screen from vandalism, increase display longevity, and save you money on replacements.

The 42" TV screen protector.

42" & 80"

IP20 NEMA 1

Retrofit

Ready to fit over a pre-existing display, the Armagard screen protector is great for residential and recreational installations, perfect for a display that you've already got setup. It's easy and quick to install, requiring just one/two people, and it takes just seconds to remove the front panel if needed.

Benefits

5 YEAR MECHANICAL WARRANTY

✓ Save Money on Screen Repairs.
✓ Cost-Effective Protection for Indoors.
✓ Low-Maintenance and Easy to Install.

Features	Base Indoor
All Sizes	42" & 80"
Product Code	PSS-(Size)-W-L-B
Temperature Range	0°C to 35°C
IP/NEMA Rating	IP20/NEMA1
Dust Vents	✓
Rubber Seals	✓
Window	Polycarbonate
Dual Security Locks	✓
Anti-Reflective Window	Optional

Indoor Signage

Increase sales on targeted products and ranges with the indoor Retail Totem from Armagard. Combining an HD advertising display with customer branded front and back display panels, the unit provides a versatile solution for point-of-sale advertising, and increasing in-store sales.

A 32" retail totem in a French cinema.

Designed to protect as well as display content, the retail totem features a fitted polycarbonate window (10x stronger than glass), which defends against physical impacts and airborne projectiles. Safeguarding your equipment in case of an attack.

32" - 46"

Branding Panels

Light and mobile, the Retail Totem can easily be relocated and rebranded with different front and back panels, making it great for selling advertising space or creating targeted campaigns that promote specific ranges throughout the year.

Benefits

1 YEAR ELECTRICAL WARRANTY   5 YEAR MECHANICAL WARRANTY

✓ Increase Point-of Sale Purchasing.
✓ Boost Dwelling Time & Product Awareness.
✓ Easy to Setup Retail Digital Signage.

Features	Base Indoor	Printed Indoor	Media Ready Indoor
All Sizes	32", 42" & 46"		
Model Code	B	P	MR
Window Type	Polycarbonate	Polycarbonate	Polycarbonate
Plain Boards	✓		
Printed Boards		✓	✓
LCD Screen			✓
Media Player			✓

ARMAGARD

PTD

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DRECHSLER

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