

IP 55 CABINET FOR NEC PUBLIC DISPLAYS

Order Codes: IP55 P461 Portrait 100012670 Landscape 100012671

IP55 CABINET

Ideal solution for shopping malls, entry halls, train stations, airports and other applications without full exposure to the elements.

Displays in public places may need protection to prevent manipulation or even vandalism. The IP55 cabinet line for the NEC 46" Public Displays MultiSync® P461 and X461S does not only offer protection but also secures a safe operating environment for the display installed. In combination with e.g. a Slot-in PC or Media Player all the solution requires is a power outlet.

IP Cabinet in portrait mode



IP Cabinet in landscape mode



PROTECTION AGAINST SOLID OBJECTS

1. No special protection.
2. Protected against solid objects up to 50 mm, e.g. accidental touch by persons hands.
3. Protected against solid objects up to 12 mm, e.g. persons fingers.
4. Protected against solid objects over 2.5 mm (tools and wires).
5. **Protected against solid objects over 1 mm (tools, wires, and small wires).**
6. Protected against dust - limited ingress (no harmful deposit).
7. Totally protected against dust.

PROTECTION AGAINST LIQUIDS

1. Protection against vertically falling drops of water e.g. condensation.
2. Protection against direct sprays of water up to 15° from the vertical.
3. Protected against direct sprays of water up to 60° from the vertical.
4. Protection against water sprayed from all directions - limited ingress permitted.
5. **Protected against low pressure jets of water from all directions - limited ingress.**
6. Protected against temporary flooding of water, e.g. for use on ship decks - limited ingress permitted.
7. Protected against the effect of immersion between 15 cm and 1 m.
8. Protects against long periods of immersion under pressure.

Delivering Genuine Benefits

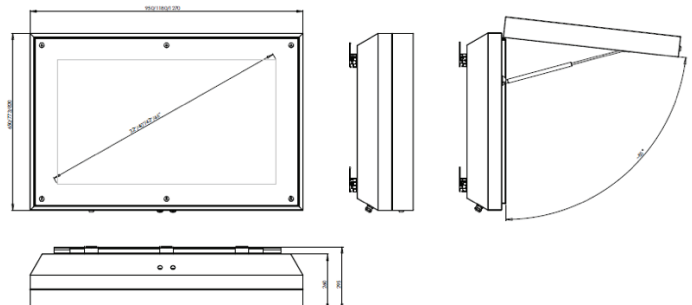
IP55 Protection level without direct sunlight Protects the display from manipulation and vandalism.

Active cooling based on Peltier Technology without air exchange Highly reliable and without maintenance due to filterless design.

IP Cabinet and display cooling controlled temperature sensors Prevents overheating and unnecessary cooling at lower temperatures.

3 years warranty Matches display and option slot product warranty for peace of mind.

Only cabinet which is approved by NEC Guarantees longevity and reliability to match the NEC screen.





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TECHNICAL SPECIFICATIONS

CABINET	
Ingress Protection	IP55
Finish	White & grey
Casing	Steel, thickness: 1, 5 - 2 mm
Glass	Optiwhite 6mm
Display Mounting	Vesa 300 x 300; hock on top; screws at bottom; freely adjustable, universal attachment
ENVIRONMENTAL	
Max Temperature without SBC	+5 to +35° C
Max Temperature with SBC	+5 to +30° C
ENCLOSURE	
Lock	High security Abloy Exec CL 104, universal key
Opening mechanism	Gas springs for gentle opening and closing (landscape/portrait mode)
COOLING	
Type	Active cooling with Peltier elements
Elements	9 or 15pcs 25 Watt Peltier elements
Activation	Fans running permanently, cooling is triggered automatically at 30° inside temperature
Maintenance	No maintenance required
ELECTRICAL	
Cable entry	Protected, IP65
Power consumption	320 W (cabinet without display)
MECHANICAL	
Weight	80 kg
Size / Gross Dimensions (W x H x D)	1,270 x 820 x 260 mm
ORIENTATION	
Landscape	Yes
Portrait	Yes
AVAILABLE OPTIONS	
Recommended Option Slot products	SBC with SSD, CAT 5 system, Media Player
OTHER SPECIFICATIONS	
Certificates / Standard	CE and Intertek SEMKO approved
Warranty	3 years warranty
Supported NEC Public Displays	MultiSync® P462, MultiSync® X461S
For additional pictures and Solutions overview, Visit www.nec-display-solutions.com for details.	

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