

15" SunReadable Front NEMA4/ IP 65 LCD Panel

Model: iNHAP-1500



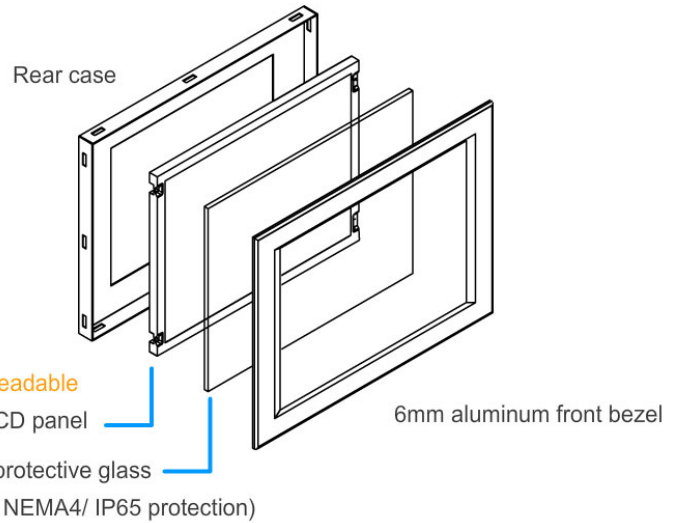
Features

- 15" industrial TFT LCD panel support 1024 x 768 pixels
- 6mm aluminum front bezel with 45 degree chamfer
- Front NEMA4/ IP 65 protection
- 1000 cd/m2 industrial brightness
- OSD control keys to optimize the display
- Optional video input (S-Video, RCA, BNC & DVI)
- Optional DC power input (12 / 24 / 48 VDC)
- Optional TV tuner with remote controller
- Optional audio input with speaker
- Optional standard remote controller for AV, VGA & DVI input
- Optional touchscreen
- A wide range of mounting kits (VESA-mount, Mounting bracket, OEM mounting design...)

Application

- Embedded display Unit
- Industrial automation LCD panel
- Gaming, lottery & amusement display
- Touchscreen display panel

Diagram



Options



AV
Input



BNC
Input



DVI
Input



DC Power
Input



Touch
screen



TV Tuner
w/ Remote
Controller



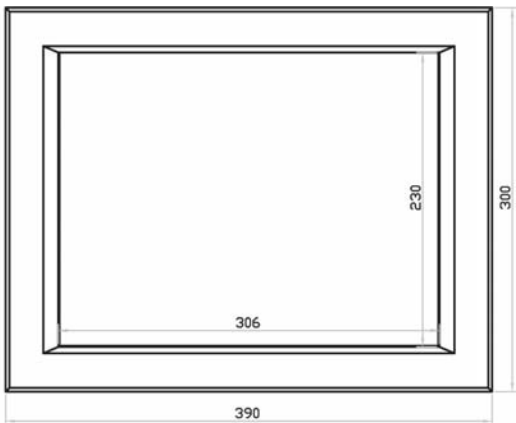
Audio
Input



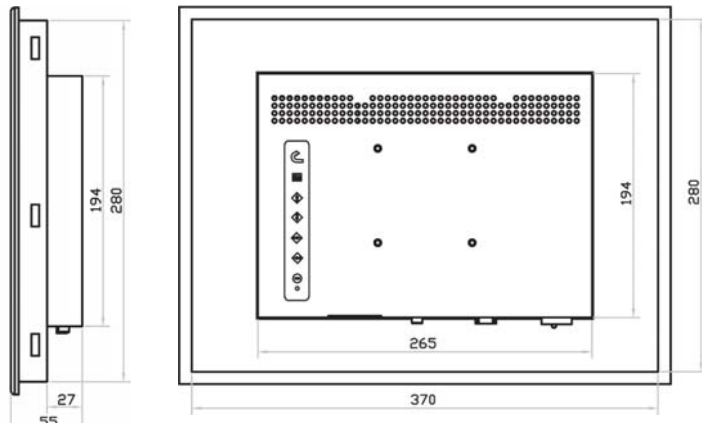
Standard
Remote
Controller

Mechanical Drawing

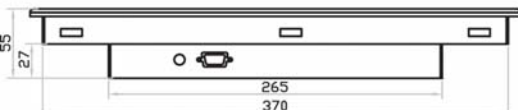
Front View



Back View



UNIT : mm
1mm = 0.03937 inch



Specifications:

LCD Panel

LCD Type	Grade A industrial TFT LCD Panel
Panel Size	15" diagonal
Display Area	304 x 228 mm (HxV)
Max. Resolution	1024 x 768
Brightness	1000 cd/m2 (Typical)
Color Support	16.2 Mil.
Viewing Angle	75° / 75° / 75° / 60° (L / R / U / D)
Contrast Ratio	700 : 1 (Typical)
Tr Response Time	2 ms
Pixel Pitch	0.297 x 0.297 mm
OSD Control	Brightness, Contrast, Phase & Clock, Color, H & V position, Auto-tune & Recall
LCD MTBF	50,000 hrs

Mechanical

Material	6mm Aluminum (Front panel), 1.2mm Steel (Rear case)
Finish	Powder Coating
Color	Front Panel : Black, Back : Dark Grey (RAL7037)
Dimension	326 x 65 x 270 mm (WxDxH)
Weight	3 kg

Package Information

Carton Box	558 x 105 x 473 mm (WxDxH)
Weight	5 kg

Signal Input

Input Video Signal	Analog RGB
Video Level	
Sync Type	Analog: 0.7Vp-p
Input Connector	Separate H/V, Composite H/V D-Sub 15 pin VGA analog

Protective Glass

Material	4 mm protective glass (front NEMA4/ IP 65 protection)
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Power

Power Input	Auto-sensing 100 to 240VAC, 50 / 60Hz via AC
Power Adapter	
Consumption	Max. 84 Watt, Standby 5 Watt

Environmental

Operation	0° to 50°C Degree
Storage	-5° to 60°C Degree
Relative Humidity	5~90%, non-condensing
Shock	10G acceleration (11ms duration)
Vibration	5~500Hz 1G RMS random vibration

Options:

AV Input

Video Input Connectors	S-Video and Composite S-Video, RCA
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BNC Input

Video Input Connectors	S-Video and Composite S-Video, BNC
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DC Power Input

Input Voltage	12 / 24 / 48-Volt
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Audio Input

Audio Input Speaker	Analog audio 2-channel (L/R) 3W x 2
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TV Tuner

Signal Input Connectors	NTSC, PAL (I, B, G, H, M, D, N), SECAM (D, K, L, B, G) RF
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e-Resistive Touchscreen

Type	5-Wire Resistive
Interface	USB / Serial
Optical Transmittance	82%±5%
Surface Hardness	≥3H (JIS K5400)
Operating System	Windows 98 / 2000 / ME / XP / NT / CE, DOS, Linux

3M Capacitive Touchscreen

Type	3M Capacitive
Interface	USB / Serial
Optical Transmittance	88%
Surface Hardness	Mohs' hardness rating: 6
Operating System	Windows 98 / 2000 / ME / XP / NT / CE, DOS, Linux

