



# W24IAD3S-MRA2FP 24" Intel(R) Core(TM) i5-1335U Flat PCAP ECDIS Marine Panel PC

Manufacturer part number: W24IAD3S-MRA2FP | Marine Panel PCs



Explore Winmate W24IAD3S-MRA2FP, an ECDIS marine display featuring Intel(R) Core(TM) i5-1335U, 24-inch display with 1920x1080 resolution, DNV...

| Display               |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Touch / Glass         | Projected Capacitive Multi Touch Screen (AR Coating) (Default), AG film (Optional), AR Glass (Optional)                                                                                     |
| Size                  | 23.8 inches                                                                                                                                                                                 |
| Resolution            | 1920x1080                                                                                                                                                                                   |
| Panel Brightness      | 250.0 nits                                                                                                                                                                                  |
| Contrast Ratio        | 3000:1                                                                                                                                                                                      |
| View Angles           | 89,89,89,89                                                                                                                                                                                 |
| Active Area           | 527.04x296.46 mm                                                                                                                                                                            |
| System Specification  |                                                                                                                                                                                             |
| Processor             | Intel(R) Core(TM) i5-1335U 3.4GHz(up to 4.60 GHz) (Default), Intel(R) Core(TM) 5 120U 3.8GHz (up to 5GHz) (Optional)                                                                        |
| Memory                | 8GB (Default), 16GB (Optional), 32GB (Optional)                                                                                                                                             |
| Storage               | 128GB (Default), 256GB (Optional), 512GB (Optional), 1TB (Optional), 2TB (Optional)                                                                                                         |
| Ethernet controller   | 2 x Intel(R) Ethernet Controller                                                                                                                                                            |
| Operating System      | Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional) |
| Buzzer                | 75 dB~80 dB, 2300 Hz, 1m                                                                                                                                                                    |
| Environment           |                                                                                                                                                                                             |
| Operating Humidity    | 5% to 95%                                                                                                                                                                                   |
| Operating Temperature | -15~55 deg C                                                                                                                                                                                |
| Shock                 | 15G,11ms duration                                                                                                                                                                           |
| Vibration             | 0.7g@DNV-CG-0339 (Class A)                                                                                                                                                                  |
| IP rating             | IP66 (Front Side)                                                                                                                                                                           |
| Certification         |                                                                                                                                                                                             |
| Certification         | CE, FCC, DNV-CG-0339, IEC60945 4th, IACS E10                                                                                                                                                |
| IO Ports              |                                                                                                                                                                                             |
| USB Port              | 2 x USB3.2, 1 x USB2.0                                                                                                                                                                      |
| Serial Port           | 1 x RS232(Default)/422/485, 1 x RS232 (Optional)                                                                                                                                            |
| LAN                   | 2 x RJ45                                                                                                                                                                                    |

|                           |                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Video</b>              | 1 x HDMI (Optional)                                                                                                                            |
| <b>Expansion Port</b>     | 1 x 2.5" Removable SSD/HDD (Optional)                                                                                                          |
| <b>Front Control</b>      | Power, Brightness +, Brightness -, Menu , Function Key(Default setting: ECDIS Mode)                                                            |
| <b>Indicator</b>          | Day Mode , Dusk Mode, Night Mode                                                                                                               |
| <b>DIDO</b>               | 8 Channel Isolated Digital Input/Output (Optional)                                                                                             |
| <b>NMEA</b>               | 4 x NMEA 0183 Port (Optional)                                                                                                                  |
| <b>Mechanical</b>         |                                                                                                                                                |
| <b>Dimension</b>          | 595 x 385 x 73.8 mm                                                                                                                            |
| <b>Cut out</b>            | 570 x 360 mm                                                                                                                                   |
| <b>Weight</b>             | 10.3 kg                                                                                                                                        |
| <b>Mounting</b>           | VESA mount/Panel mount                                                                                                                         |
| <b>Enclosure</b>          | Anodized Aluminum Bezel                                                                                                                        |
| <b>Cooling System</b>     | Fanless Design                                                                                                                                 |
| <b>Accessory</b>          |                                                                                                                                                |
| <b>Accessory</b>          | User Manual, AC to DC Adapter (with 3 pin Terminal Block), Power Cord, M4 x 30 Black Screws Bolts, M4 x 15 Sliver Screws Bolts, Mounting clips |
| <b>Optional Accessory</b> | Four 5 Pin Terminal Block 3.81 (Phoenix Type)*For NMEA port (Optional)                                                                         |
| <b>Power</b>              |                                                                                                                                                |
| <b>Power Rating</b>       | 24V DC-in with Isolation (Approval by Certificate), 9~36V DC Input Acceptable                                                                  |
| <b>Consumption</b>        | 65W (Typical)                                                                                                                                  |