

# R19L100-MLA3FP 19" PCAP Rack Mount Defence Display

Manufacturer part number: R19L100-MLA3FP | Defence Display / NVIS Display



Explore Winmate R19L100-MLA3FP, an industrial display featuring 19-inch display with 1920x1080 resolution for defense operations and field command.

| Display               |                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                  | 19.0 inches                                                                                                                                                                                                                                                                                    |
| Touch / Glass         | Projected Capacitive Multi Touch Screen (Default), PCAP with With ITO Film (Optional)                                                                                                                                                                                                          |
| Resolution            | 1280x1024                                                                                                                                                                                                                                                                                      |
| Panel Brightness      | 350.0 nits                                                                                                                                                                                                                                                                                     |
| Contrast Ratio        | 1000:1                                                                                                                                                                                                                                                                                         |
| View Angles           | 85,85,80,80                                                                                                                                                                                                                                                                                    |
| Display Color         | 16.7M Colors                                                                                                                                                                                                                                                                                   |
| Active Area           | 376.32x301.06 mm                                                                                                                                                                                                                                                                               |
| Environment           |                                                                                                                                                                                                                                                                                                |
| Operating Humidity    | 10% to 95% RH                                                                                                                                                                                                                                                                                  |
| Operating Temperature | -20 deg C~60 deg C                                                                                                                                                                                                                                                                             |
| Storage Temperature   | -30 deg C~70 deg C                                                                                                                                                                                                                                                                             |
| IP rating             | Front IP65                                                                                                                                                                                                                                                                                     |
| TEMPEST               | USA: NSA NSTISSAM TEMPEST/1-92 (optional), NATO: NATO SDIP-27 (optional)                                                                                                                                                                                                                       |
| Compliance            |                                                                                                                                                                                                                                                                                                |
| MIL-STD 461G          | USA MILSTD461G CE101, CE102, RE101, RE102, CS118 (Default) , MILSTD461G CS101, CS106, CS109, CS114, CS115, CS116, RS101, RS103 (Optional) , , NATO STANAG 4370/AECTP501 NCE01, NCE02, NRE01, NRE02, NCS12 (Default) , STANAG 4370/AECTP501 NCS01, NCS07, NCS08, NCS09, NRS01, NRS02 (Optional) |
| MIL-STD 810H          | USA: MIL-STD-810H (default): Vibration Method 514.8, Humidity Method 507.6, Transit Drop Method516.8, , NATO (optional): Vibration Test STANAG 4370/AECTP-401, Shock STANAG 4370/AECTP-402 Procedure I, Drop and Topple Test STANAG 4370/AECTP-404                                             |
| Certification         |                                                                                                                                                                                                                                                                                                |
| Certification         | CE, FCC                                                                                                                                                                                                                                                                                        |
| IO Ports              |                                                                                                                                                                                                                                                                                                |
| USB Port              | 1 x USB for Touch Screen                                                                                                                                                                                                                                                                       |
| Video                 | 1 x VGA, 5 x BNC (R,G,B,H,V), 1 x DVI-D                                                                                                                                                                                                                                                        |
| Mechanical            |                                                                                                                                                                                                                                                                                                |
| Dimension             | 482.6 x 399.3 x 79.6 mm                                                                                                                                                                                                                                                                        |

|                       |                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting</b>       | Rack mount/VESA mount                                                                                                      |
| <b>Enclosure</b>      | Metal Housing with Aluminum Bezel                                                                                          |
| <b>Cooling System</b> | Fanless Design                                                                                                             |
| <b>Accessory</b>      |                                                                                                                            |
| <b>Accessory</b>      | 1 x User Manual(Hardcopy), 1 x Power Cord MIL-DTL-38999/1, 1 x VGA Cable , 1 x DVI Cable, 1 x VGA to 5 BNC Shielding Cable |
| <b>Power</b>          |                                                                                                                            |
| <b>Power Rating</b>   | AC 100~240V, Universal, +/-10% (Default), DC 9~36V, +/-10% (Optional)                                                      |
| <b>Control</b>        |                                                                                                                            |
| <b>Button</b>         | 6 Key OSD Control Pad:, Power/ Brightness DOWN, Brightness UP/, Night, Day/ Exit, Auto/ Menu                               |