

24" Display Unit

Nir-Or's family of Display Units (DU) suits a broad range of airborne marine or ground applications.

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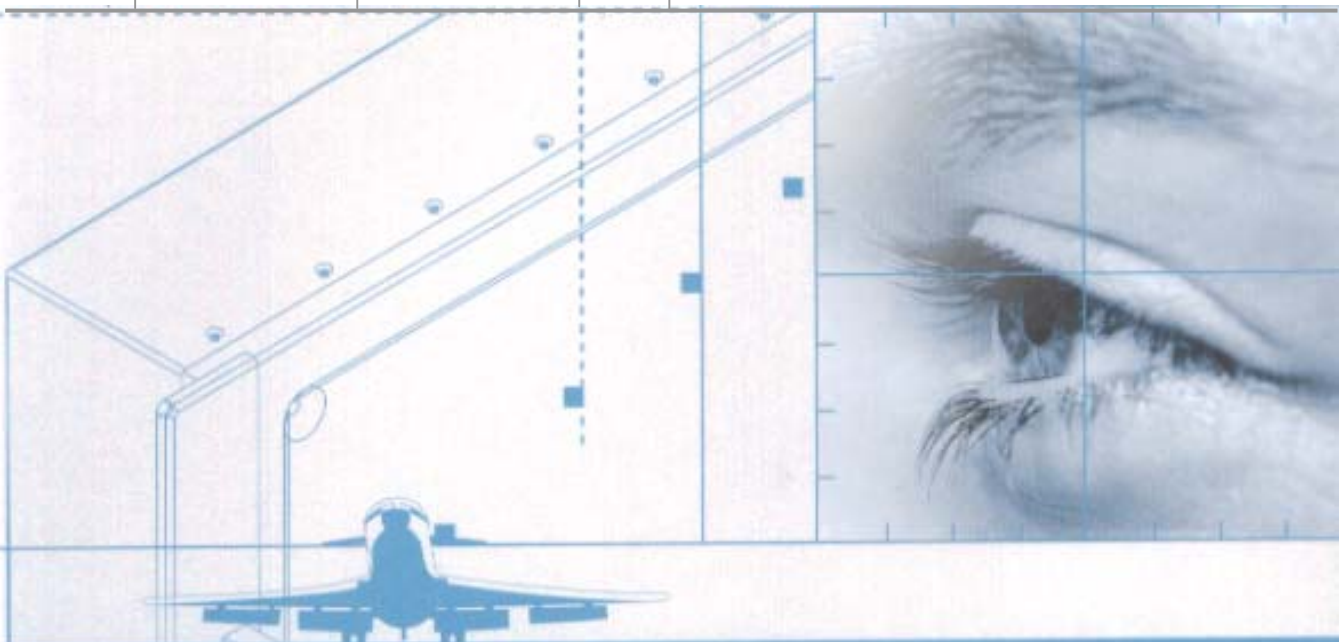
All products are designed and manufactured to specific customer requirements they are adaptable to various video, communication sources, and standards, and can be fitted in a variety of mechanical envelopes.

The DU offers Color Active Matrix LCD, with high resolution and high brightness and contrast and with wide viewing angles.

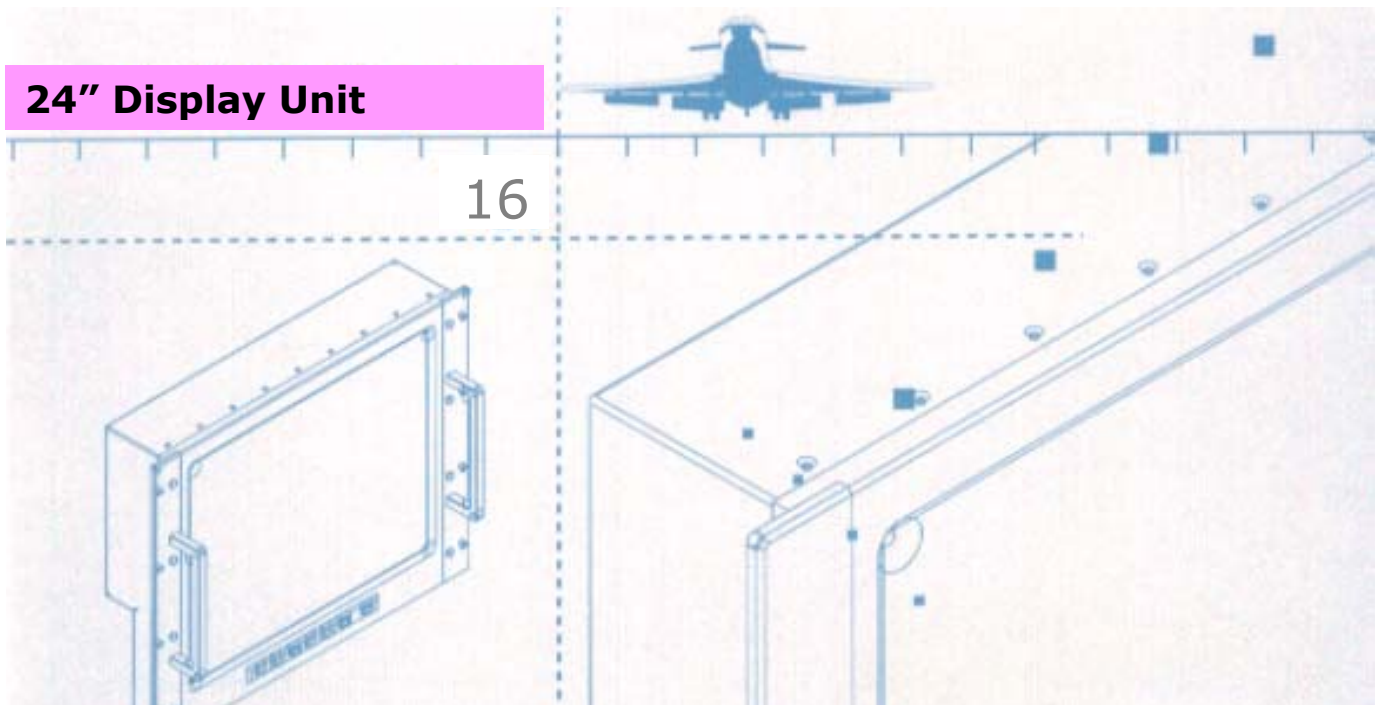


The DU has two (2) VGA inputs and four (4) Composite video inputs that can be selected using the front panel keys. The DU can display image in resolution of up to WUXGA (1920x1200) pixels.

As an option, the display enables simultaneous display of one or two composites NTSC or PAL video windows, flexible size adjustment (up to full screen) and placement of video windows atop a standard PC (VGA) analog display.



24" Display Unit



Specifications

| Catalog No. | Display | | | | Unit Dimensions | | | |
|-------------|----------|-------------------------|--------------------|-----------------------|-------------------|------------------|------------------|-----------------|
| | Diagonal | Display Area H" x V" | Standard | Resolution H" x V" | Height Inch/mm | Width Inch/mm | Depth Inch/mm | Weight Lb/Kg |
| DU-2401 | 24" | 20.4" x 12.75" | VGA & Composite | 1920 x 1200 | 16.3 / 415 | 24.9 / 632 | 5.1 / 130 | 31 / 14 |

| | |
|-----------------------------|---|
| Power input | 18-32V MIL-STD-704D |
| Power consumption | 120W MAX at full intensity |
| Serial communication | RS422, RS232 |
| Signal & Video connectors | D38999/.. Type |
| Frame rate | 50 up to 60 fields/sec. |
| Video standard | VGA up to WUXGA and composite video in PAL or NTSC |
| Aspect ratio | 16:9 |
| BIT | Microprocessor controlled Built-In Test capability |
| Brightness | 0.05 to 50fl |
| Viewing angle | Horizontally $\pm 70^\circ$ Vertical $\pm 70^\circ$ @ CR>10 |
| Color capability | 16,777,216 colors (8 bits each color) |
| Gray shades | 256 Levels |
| Operating temperature Range | - 30°C to +55°C |
| EMC EMI | MIL-STD-461C, MIL-STD-6051D |
| Environmental condition | MIL-STD-810C/D |
| MTBF | Over 5000 hours (calculated per MIL-MDBK-217E) |
| Function keys | Soft keys for system control |



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