

DOTRONIX

Largest FIDS Installed Base in North America

DOT-X Series 2938

Multi-Sync Color Display

At Dotronix we are constantly improving our displays to fit the needs of today's expanding market place. The 2938 is a Multi-Sync Display that delivers large screen, high-resolution graphics at a highly competitive price, along with ultimate flexibility and compatibility. An ideal solution for Public Information Displays.

SVGA Resolution

The DOT-X Series displays provide a bright, clear, flicker free display by supporting refresh rates up to 72 Hz at 640 x 480 or 800 x 600 at 60 Hz, which reduces eye strain and fatigue. The DOT-X Series displays will automatically sync with non-interlaced signals. Display image quality is greatly improved by digital microprocessor control, contrast enhancing dark glass and dual-axis dynamic focus picture tube.

Operational Design

An ideal solution for Public Information Display and Kiosk applications, the DOT-X Series displays comes with a streamlined metal cabinet. These cabinets allow the displays to fit in tight places and greatly reduce the interference between adjacent cabinets. Also, custom color cabinets with matching support brackets are available.



Easy Maintenance

As with all DOT-X Series, the HarcPlus option is available. HarcPlus (Hand-Held Addressable Remote Control) provides On Screen Menus, Purity Guard, Bright Guard, Orbiter and Network Remote Control. Many other features, including Internal Clock and Anti-Glare, are also available. These features greatly reduce maintenance cost and extend the life of your display. All Dotronix displays come with a Full Warranty.

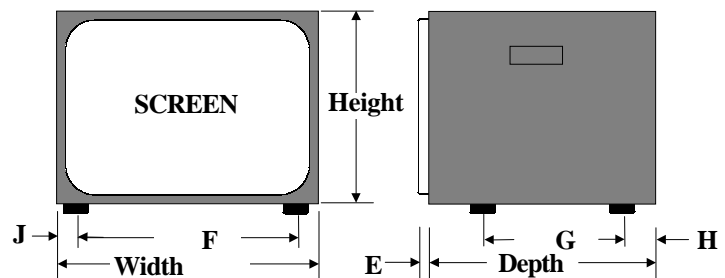
DOT-X
Displays by Dotronix

DOT-X 2938 Series

- CRT (Cathode Ray Tube) • 29-inch, 108 degree deflection, super flat square screen, dynamic focus, .75mm Dot Pitch with standard gloss factor, antiglare/antistatic coating
- DISPLAY FORMAT RANGE • 31 kHz to 38 kHz Multiscan / VESA Standard Formats
- HORIZONTAL • Scanning frequency, 31 kHz - 38 kHz
- VERTICAL • Scanning frequency, 50 Hz - 120 Hz
- VIDEO • Bandwidth: 68 MHz at +/-3db
- DISPLAY SIZE • Horizontal: 21.40 inches, 544mm (adjustable)
Vertical: 16.10 inches, 409mm (adjustable)
- REFRESH RATE • 640 x 480 - 60 Hz, 72 Hz • 800 x 600 - 60 Hz
- EXTERNALFRONTCONTROLS • Degauss, Tilt, H. Size, V. Size, Brightness, Contrast, H. Position, V. Position, Pincushion, Parallelogram
- EXTERNAL DISPLAY CONNECTIONS • Video In - 15 pin D-sub connector VGA, Video Out - 15 pin D-sub connector VGA
Power In - IEC 3 pin connector.
- INPUT/OUTPUT SIGNAL • Analog video 0.7Vpp/75 ohm positive, separate sync TTL Level positive/negative,
One VGA output with buffer.
- POWER • Power On/Off switch through rear panel, Power On LED-green is **on**, yellow is Energy Star suspend mode, front bezel location. 115/230 VAC, 50/60 Hz, (switchable), Power consumption 240 W max. Suspend 35 W nominal.
- REGULATORY • UL • CSA • DHHS • FCC
- CABINET SPECIFICATIONS • Height - 20.50 inches, Width - 25.00 inches, Depth - 18.12 inches *
*Does not include CRT Face projection or cabinet feet.
- OPERATING CONDITIONS • Temperature: 0°C - 40°C (32°F - 104°F) Humidity: Non-condensing 20 to 90% RH
Altitude: 0 to 10,000 feet
- REMOTE • HARCPlus = Orbiter, Purity Guard, Bright Guard, Internal Clock

Mechanical Specification

Model Size 29	M-Series		
	inches	mm	
Height	20.50	521	
Width	25.00	635	
Depth	18.12	460	
Viewable Area	Diag.	26.60	676
	Horiz.	21.40	544
	Vert.	16.10	409
CRT Projection	E	0.88	22
Feet (if used)	F	21.25	540
	G	12.75	324
	H	2.00	51
	J	1.75	44
Weight		115 lbs	52 kg
Shipping		130 lbs	59 kg



DOT-X
Displays by Dotronix

160 First Street S.E., St. Paul, MN 55112-7894, USA • 800-720-7218, 651-633-1742 • Fax 651-633-1065 • www.dotronix.com