



Wide Screen Display Family

Q-Solar™ Beats the Daylight out of Sunlight.



For high performance display technology that can stand-up to the brightest sunlight conditions, look no further. Introducing Q-Solar™, a family of sunlight readable displays from Q-Vio ranging in size from 4.1" - 24". They beat the daylight out of sunlight with ultra bright, easy-to-read displays, even in direct sunlight. Built in a Class 1000 clean-room, these low power, RoHS compliant LED backlit displays offer superior uniformity and outstanding thermal management for fan-less operation.

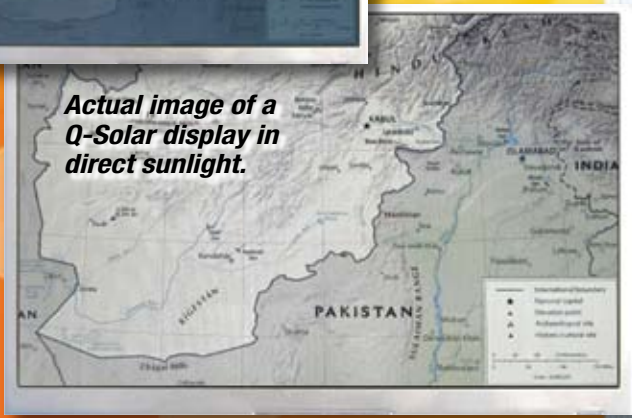
The Q-Solar Wide Screen display family consists of 8 models ranging from 5.6" to 24". See reverse side for basic panel specifications. Detailed data sheets are available upon request.

With the original factory display footprint, Q-Solar panels offer an easy upgrade path to sunlight readability. These low power displays are perfect for a wide range of applications where size, weight, power and sharp readability in bright sunlight are essential. Digital AV products, Broadcast Monitors, Ultra mobile PCs, Medical Instrumentation, Industrial Machinery Monitors and Military Equipment are just a few of the many applications that can benefit from the power and brightness of Q-Solar displays.

To power and control the custom Q-Solar LED backlight, Q-Vio has developed a RoHS compliant LED driver board specifically designed to power up the Q-Solar series of sunlight readable displays. Their wide dimming range offers a stable, uniform brightness from the extreme low end through true sunlight readable levels.



Actual image of a typical display in direct sunlight.



Actual image of a Q-Solar display in direct sunlight.

-  **High Brightness**
-  **Wide Viewing Angle**
-  **High Contrast Ratio**
-  **Low Power LED Backlight Unit**
-  **Wide Temp Range**
-  **LVDS Video Input**

(858) 777-8299
info@q-vio.com

NEW Upgrade your existing display to TRUE Sunlight Readability.

www.q-vio.com



SPECIFICATIONS

Wide Screen Display Family



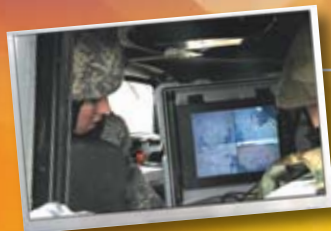
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5.6" WXGA

PN#: QC056WXI100-00
 WXGA resolution (1280 x 800)
 900 NIT Brightness

500: 1 contrast
 2.5W power
 85-85-85-85 deg. viewing cone
 0 to +60 operating temp



7" WVGA

PN#: QJ070WVI23-00
 WVGA resolution (800 x 480)
 1100 NIT Brightness

8 bit color
 700: 1 contrast
 2.8W power
 70-70-70-70 deg. viewing cone
 -20 to +60 operating temp

7" WSVGA

NEW

PN#: QJ070WSI04-00
 WSVGA resolution (1024 x 600)
 1000 NIT Brightness

8 bit color
 700: 1 contrast
 3W power
 80-80-80-80 deg. viewing cone
 -20 to +60 operating temp



12.1" WXGA

NEW

PN#: QB121WXI01-00
 WSVGA resolution (1280 x 800)
 1100 NIT Brightness

8 bit color
 1200: 1 contrast
 16W power
 88-88-88-88 deg. viewing cone
 -20 to +70 operating temp

15.6" HD

NEW

PN#: QA156HDS01-00
 HD resolution (1366 x 768)
 1000 NIT Brightness

8 bit color
 500: 1 contrast
 18W power
 85-85-80-80 deg. viewing cone
 0 to +50 operating temp



21.5" FHD

NEW

PN#: QF215FHDSA1-10
 FHD resolution (1920 x 1080)
 1000 NIT Brightness

8 bit color
 1000: 1 contrast
 40W power
 85-85-80-80 deg. viewing cone
 0 to +50 operating temp

22" WSXGA +

NEW

PN#: QA220WSXPS01-10
 WSXGA+ resolution (1650 x 1080)
 1000 NIT Brightness

8 bit color
 1000: 1 contrast
 38W power
 89-89-89-89 deg. viewing cone
 0 to +50 operating temp



24" WUXGA

NEW

PN#: QJ240WUS04-00
 WUXGA resolution (1920 x 1200)
 1000 NIT Brightness

8 bit color
 1000: 1 contrast
 35W power
 80-80-80-80 deg. viewing cone
 0 to +50 operating temp

For additional panel sizes and resolutions not listed, contact us to develop a solution for your specific application.

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Technology within reach.