



Mid Size 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.

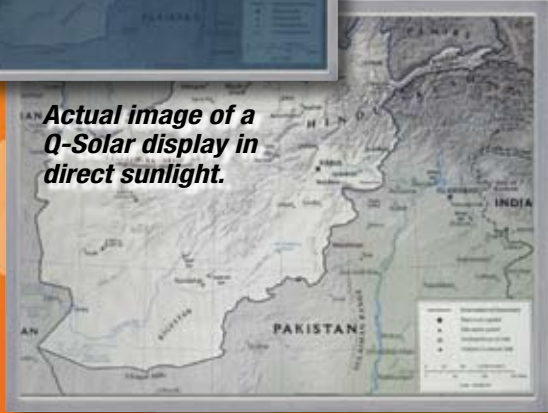
The Q-Solar Mid Size display family consists of 5 models ranging from 10.4" to 15.6". See reverse side for basic panel specifications. Detailed data sheets are available upon request.

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. Outdoor kiosks, digital AV products, ultra mobile PCs, medical instrumentation, monitors for industrial machinery 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
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NEW Upgrade your existing display to **TRUE Sunlight Readability.**

www.q-vio.com



SPECIFICATIONS

Mid Size Display Family



Q-Solar™ Beats the Daylight out of Sunlight.



10.4" XGA

PN#: QB104XI01-10
XGA resolution (1024 x 768)
900 NIT Brightness
1200: 1 contrast

8W power
88-88-88-88 deg. viewing cone
-20 to +70C operating temp



12.1" XGA

PN#: QB121XI01-00
XGA resolution (1024 x 768)
1500 NIT Brightness
700: 1 contrast

12W power
80-80-80-60 deg. viewing cone
-20 to +70C operating temp



12.1" WXGA

NEW

PN#: QB121WXI01-00
WXGA resolution (1280 x 800)
1100 NIT Brightness
1200: 1 contrast

16W power
88-88-88-88 deg. viewing cone
-10 to +70C operating temp



15" XGA

PN#: QB150XI01-00
XGA resolution (1024 x 768)
1500 NIT Brightness
800: 1 contrast

13W power
80-80-80-60 deg. viewing cone
-30 to +80C operating temp



15.6" HD

NEW

PN#: QA156HDS01-00
HD resolution (1366 x 768)
1000 NIT Brightness
500: 1 contrast

18W power
85-85-80-80 deg. viewing cone
0 to +50C 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.