

# BRYTEE® 13.3" Sunlight Readable, Portable HD Monitor

Brytee® is a new generation of portable, rugged and fully sunlight readable HD monitors. Brytee® builds on the company's 20+ year history of developing and building very high brightness displays for automobiles in the public safety market.

The Brytee® 13.3" monitor employs an automotive-grade, chemically strengthened, optically bonded front glass along with an integrated UV filter to protect the display, ensuring a very long service life even in rough environments. There is no need for the sunshade required by most monitors on the market. Brytee® screen brightness of 2500 nits is plainly readable even in direct sun. Tired of a display that's too dim to see outside or too small for quick decisions? Brytee® is the solution.



## Features

- Large 13.3-inch display
- Extremely bright: daylight readable at 2500 Nits
- Housed in a tough metal housing
- Conveniently mounts on VESA mount and optional standard A/V tripod
- Mounts into case for usage and transport (sold separately)
- Massive 9Ah battery supports 6 hours at maximum brightness, 20 hours typical

Technical Specifications – Model B001	
Native Resolution	1920 x 1080 ( <i>see table below</i> )
Luminance	2500 Nits
Contrast Ratio	800:1
Screen Size	6.5" x 11.6" (165.1 x 295 mm), 13.3" diagonal (338mm)
Pixel Pitch	0.153mm
Glass Treatment	Chemically strengthened shatter resistant
Glass Features	UV filter and anti-glare surface
Panel Type	a-Si TFT LCD, IPS (In-Plane Switching)
Viewing Angle	85/85/85/85-degrees typ (CR>10)
Response Time (Tr+Tf)	30 ms typical
Aspect Ratio	16:9
Color gamut (typical)	72% (CIE 1931), 16.7M Colors
Languages for menu display	English, Spanish, Portuguese, Dutch, Turkish, Polish, Italian, Korean, Japanese, German, French
Screen Menu Features	Contrast, brightness, color temperature, red/green/blue levels, audio volume
Audio and Video Input	HDMI v1.4
Audio Output	3.5mm jack with stereo for headphones

Technical Specifications, cont.	
Operating Temperature	-20°C - 60°C
Operating Humidity	10 - 80%
Flat Panel Mount	VESA (75 mm and 100 mm)
Tripod Mount (optional)	Standard ¼"-20 (ISO 1222:2010)
Dimensions	326 x 202 x 29.5 mm
Weight	3.0 Lbs (1.4 Kg)
Input Voltage	9 - 14 V DC, 2.2A (28W) max
Input Voltage (optional)	11 - 24 V DC for Brytee® battery powered option
Power Input Connector	2.1mm x 5.5mm standard DC jack

Operating Hours of Battery Sizes				
Brightness	Nits	3 Ah	6 Ah	9 Ah
Low	200	17h	35h	52h
Medium	700	7h	13h	20h
Max (daylight)	2500	2h	4h	6h

Supported Graphics Modes			
Mode	Resolution	Horiz Freq, KHz	Field Freq, Hz
XGA	1024 x 768	48.4	60
XGA	1024 x 768	56.5	70
XGA	1024 x 768	60.0	75
SXGA	1280 x 1024	63.5	60
SXGA	1280 x 1024	80.0	75
WXGA+	1440 x 900	55.5	60
UXGA	1680 x 1050	59.8	60
WUXGA	1920 x 1080	67.5	60
WUXGA	1920 x 1200	74.6	60
VGA	640 x 480	31.5	60
VGA	640 x 480	37.5	75
VGA	640 x 480	37.9	72
VGA	720 x 400	31.5	70
SVGA	800 x 600	37.9	60
SVGA	800 x 600	46.9	75
SVGA	800 x 600	47.2	72

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