

Data sheet



HP L5006tm

15-inch Touchscreen Monitor

Point of Sale



May 2013

HP L5006tm 15-inch Touchscreen Monitor

The difference is in your hands.

The HP L5006tm 15-inch Touchscreen Monitor offers innovative touchscreen technology for quick and easy onscreen interactivity in point of sale (POS), hospitality, educational, banking, manufacturing, and kiosk environments.

Advanced performance

Touchscreen technology increases available work space by enabling interactive manipulation of the screen, virtually eliminating the need for a separate keyboard and mouse.

The monitor features Surface Acoustic Wave (SAW) touch technology, which allows accurate input through a finger, gloved hand, or stylus. The innovative glass screen provides better durability and is a damage-resistant alternative to film-coated display screens—it even continues working if scratched. The touchscreen input doesn't drift, so responses are fast and accurate.

In addition to its innovative interface, the monitor offers a variety of presentation features suited to everyday use in high-traffic environments:

- Wide viewing angles for comfortable viewing by multiple users
- Fast response time for crisp, clear presentation of images and text
- USB and serial ports for easy device connectivity at the monitor

Ease of use and user—friendly features

The monitor features a sturdy design and a stable removable base engineered specifically for the physical demands of touchscreen use. The easy-to-use intuitive screen interface and application flexibility combine to help reduce training time and costs and operational errors, and help improve employee productivity and customer satisfaction.

Designed with the environment in mind

The HP L5006tm monitor meets stringent environmental, ecological, and recycling standards as part of HP's commitment to be environmentally responsible and meet global regulatory requirements.

Global support

The HP L5006tm monitor is supported by a three-year limited warranty backed by comprehensive HP service and support from 65,000 IT service and support professionals in 160 countries around the world.

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Specifications

Panel type	15-inch Active Matrix TFT (thin film transistor)	
Viewable image area (diagonal)	15 in (38.1 cm)	
Viewing angle	120 degrees horizontal/100 degrees vertical (10:1 minimum contrast ratio)	
Brightness*	230 nits (cd/m ²)	
Contrast ratio*	400:1	
Response rate*	17 ms	
Frequency	Horizontal: 31.5 to 60.2 kHz; Vertical: 56.3 to 75 Hz	
Resolutions supported	All VESA standard video modes up to 1024 x 768 @ 75Hz Also supports some Sun and Mac models: 640 x 480, 832 x 624, and 1024 x 768	
Touchscreen specifications	Positional accuracy	Standard deviation of error is less than 0.080 in (2.03 mm). Equates to less than ±1% error on most displays.
	Touchpoint density	More than 100,000 touchpoints/in ² (15,500 touchpoints/cm ²) for a 15-inch touchscreen. The controller firmware program may reduce resolution to accommodate axis length greater than 465 mm.
	Touch activation force	Typically less than 3 ounces (85 grams).
	Surface durability	Surface durability is that of glass, Mohs' hardness rating of 7.
	Optical light transmission (per ASTM D1003)	Up to 92%.
	Chemical resistance	The active area of the touchscreen is resistant to all chemicals that do not affect glass, such as acetone, toluene, methyl ethyl ketone, isopropyl alcohol, methyl alcohol, ethyl acetate, ammonia-based glass cleaners, gasoline, kerosene, and vinegar.
	Touch controller	Dual serial USB controller
	Touch interface	USB or serial interface (cables included); Cable length: 6 ft (1.8 m)
Input signal	Mini D-Sub 15-Pin VGA type	
Video cable	Detachable 15-pin D-sub mini connector	
User controls (on-screen display)	Positioning (vertical and horizontal), color temperature, brightness, contrast, clock, clock phase, OSD time-out duration, recall	
Power consumption	22 watts typical; 30 watts maximum; < 4 watts power saving; <2 watts off (This monitor does not have an internal sleep function. It needs the video source in order to go into sleep mode.)	
Dimensions (h × w × d)	Unpacked with stand: 12.2 × 13.8 × 6.9 in (31.0 × 35.0 × 17.5 cm); Without stand: 11.0 × 13.8 × 2.2 in. (28.0 × 35.0 × 5.5 cm); Packaged: 10.2 × 16.5 × 15.0 in. (26.0 × 42.0 × 38.0 cm)	
Weight	Unpacked: 10.6 lb (4.8 kg); Packaged: 15.4 lb (7.0 kg)	
Base features	Removable base, supporting 75 mm VESA mount options; tilt -50 to +900 from vertical	
Temperature	32° to 104° F (0° to 40° C) operating /4° to 140° F (-20° to 60° C) non-operating	
Humidity	20-80% non-condensing (operating)/10-90% non-condensing (non-operating)	
Certification and compliance	UL listed, CSA, FCC approval, NOM, ISE for Cambodia, PSB for Singapore, BSMI for Taiwan, MIC for Korea, CCC for China, C-Tick for Australia, S-Mark for Argentina	
Limited warranty	Three years parts, labor, and on-site service. 24-hour, 90-day, toll-free technical support.** Replacement options may include second business day on-site service, or next business day direct replacement, at HP's sole discretion. With direct replacement, HP will ship a replacement display product directly to you. Using the prepaid shipping labels provided, return your failed display to HP in the same packaging as the replacement. Certain restrictions and exclusions apply. For details see your product warranty or contact HP Customer Support.	

*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

** HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at hp.com/hps/carepack.

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