Data sheet

HP Compaq L5009tm 15-inchTouchscreen Monitor

Point of Sale

May 2013

HP Compaq L5009tm 15-inch Touchscreen Monitor

Introducing a completely new and unique way of sensing touch delivered in a durable design.

Make routine activities easier and enjoy a more productive workplace with the touch panel technology built into the HP Compaq L5009tm Touchscreen Monitor, which enables quick and easy onscreen interactivity in point of sale (POS), hospitality, educational, banking, manufacturing, and kiosk environments.

Feel the difference

Acoustic Pulse Recognition (APR) is an improved technology that it is built into each HP Compaq L5009tm monitor. Consisting only of a glass overlay mounted in front of the display, together with a small electronic controller board, APR technology provides a new set of benefits that have only been partially achieved before by other touch technologies. Unlike older Surface Acoustic Wave (SAW) technology, which listens for your finger to activate the screen, APR technology identifies screen taps more easily by recognizing a wider array of sounds created when the glass is touched at a given position. So whether you use a pen, a credit card, finger or a fingernail to tap from screen to screen, your inputs will be recognized.

Durable touch technology

The HP Compaq L5009tm monitor's glass screen provides high durability and is a more damage-resistant alternative to film-coated display screens. It also features a stable, removable base, which is engineered specifically for the physical demands of high-traffic touchscreen use.

Create a more efficient environment

Retain more of your profits with the HP Compaq L5009tm by allowing your customers to locate products on the shelf with the ease of touch browsing or by pleasing them with fast check-outs. Touchscreen technology also increases available workspace, virtually eliminating the need for a separate keyboard and mouse, helping your business become more efficient and productive.

HP support from around the world

Your business needs are covered with the HP Compaq L5009tm. Each monitor has a three-year limited warranty backed by HP's worldwide service and support and is compatible with HP business products.

HP Compaq L5009tm 15-inch Touchscreen Monitor

Specifications

Part number	VK202AA
Panel type	15-inch Active Matrix TFT (thin film transistor)
Viewable image area (diagonal)	38.1cm (15 in)
Viewing angle	120 degrees horizontal/100 degrees vertical (10:1 minimum contrast ratio)
Brightness*	225 nits (cd/m2)
Contrast ratio*	400:1
Response rate*	17 ms
Frequency	Horizontal: 31.5 to 60.2 kHz; Vertical: 56.3 to 75 Hz
Resolutions supported	1024 x 768 @ 60 Hz (recommended); 800 x 600 @ 56 Hz, 60 Hz, and 72 Hz; 720 x 400 @ 70 Hz; 640 x 480 @ 60 Hz, and 72 Hz
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.
	Resolution accuracy	More than 100,000 touchpoints/in² (15,500 touchpoints/cm²) for a 15-inch touchscreen. The controller firmware program may reduce resolution to accommodate axis length greater than 465 mm.
	Touch activation force Surface durability Optical light transmission (per ASTM D1003) Chemical resistance	Typically less than 3 ounces (85 grams). Surface durability is that of glass, Mohs' hardness rating of 7. Up to 92%. The active area of the touchscreen is resistant to all chemicals that do not affect glass, such as: acetone, methyl ethyl ketone, isopropyl alcohol, ammonia-based glass cleaners, and vinegar.
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 absence of video to go into sleep mode.)
Dimensions (h × w × d)	Unpacked with stand: 31.0 x 35.0 x 17.5 cm (12.2 x 13.8 x 6.9 in); Without stand: 28.0 x 35.0 x 5.5 cm (11.0 x 13.8 x 2.2 in.); Packaged: 26.0 x 42.0 x 38.0 cm (10.2 x 16.5 x 15.0 in.)
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 CarePack Services information by product is available at hp.com/hps/carepack.

Sign up for updates
hp.com/go/getupdated

4AA4-6654ENW May 2013