

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor.

General Specification

Display	47.0 cm (18.5 inches) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 47.0 cm 0.300 x 0.300 mm (Pixel pitch)	
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 - 61 kHz (Automatic) 56 - 75 Hz (Automatic) Separate Sync. Digital
Video Input	Signal Input Input Form	15 pin D-Sub Connector DVI-D Connector (Digital) RGB Analog (0.7 Vp-p/ 75 ohm), Digital
Resolution	Max Recommend	VESA 1360 x 768 @ 60 Hz VESA 1360 x 768 @ 60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 14 W(Typ.) ≤ 1 W ≤ 0.5 W
Dimensions & Weight	With Stand Width 45.90 cm (18.07 inches) Height 37.00 cm (14.56 inches) Depth 19.80 cm (7.80 inches)	Without Stand Width 45.90 cm (18.07 inches) Height 36.80 cm (14.48 inches) Depth 7.80 cm (3.07 inches)
	Weight(excl. packing) 2.4 kg (5.29 lbs)	
Range	Tilt : -5° - 15°	
Power Input	12V $\overline{\text{---}}$ 2.0A	
AC-DC Adapter	Type ADS-24S-12 1224G*,manufactured by HONOR Electronic or type MU24-B120200-xx,manufactured by LEADER Electronics or type ADS-24NP-12-1 12024G,manufactured by HONOR Electronic	
Environment al Conditions	Operating Conditions Temperature 10 °C to 35 °C Humidity 10 % to 80 % non-Condensing Storage Conditions Temperature -20 °C to 60 °C Humidity 5 % to 90 % non-Condensing	
Stand Base	Attached (☐), Detached (☐)	
Power cord	Wall-outlet type	

NOTE

- Information in this document is subject to change without notice.

EUT Operating Conditions

- a. Setup the EUT and Peripherals as shown in Sec. 3.2 of the test report.
- b. Turn on the power of all equipment and the EUT.
- c. Set the contrast & brightness of EUT to maximum.
- d. PC system ran the self-test program “EMC Test” by windows XP and sent “H” characters to EUT through graphic card, the EUT’s screen displayed and filled with “H” pattern by its resolution (Via D-Sub or DVI Input).
- e. Repeat above procedure from c to d for difference test mode.
- f. The other peripherals devices were driven and operated during the test.
- g. The test modes are as follows:

Adapter	Test Mode
ADS-24NP-12-1 12024G	D-Sub 640*480@60Hz
	D-Sub 1280*1024@75Hz
	D-Sub 1360*768@60Hz
	DVI 640*480@60Hz
	DVI 1280*1024@75Hz
	DVI 1360*768@60Hz
DSA-36W-12 1 24	D-Sub 640*480@60Hz
	D-Sub 1280*1024@75Hz
	D-Sub 1360*768@60Hz
	DVI 640*480@60Hz
	DVI 1280*1024@75Hz
	DVI 1360*768@60Hz