

37" CLASS (37.0" DIAGONAL)

M3702C-BH

LCD Widescreen HD Capable Monitor/HDTV*



DESIGNED SPECIFICALLY FOR THE HEALTHCARE INDUSTRY

HOSPITAL GRADE LISTED FOR IN-ROOM USE

DISPLAY RESOLUTION
1366 x 768 (WXGA)

16:9 ASPECT RATIO

178° VIEWING ANGLE (S-IPS)
Super IPS™ Technology allows for
clearer viewing from almost any angle

HIGH BRIGHTNESS
500 cd/m²

IMPROVED! RESPONSE TIME
5MS (G TO G)

IMPROVED! CONTRAST RATIO
3000:1 (DCR)

INPUTS
HDMI™/Composite (BNC)/Component (BNC)/S-Video

TEMPERATURE SENSOR

NEW! HIDDEN SPEAKERS
(optional)

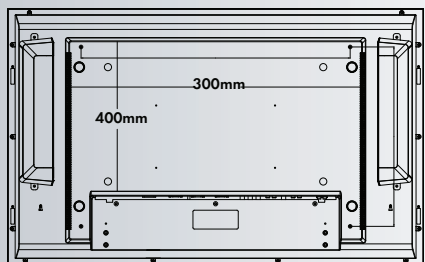
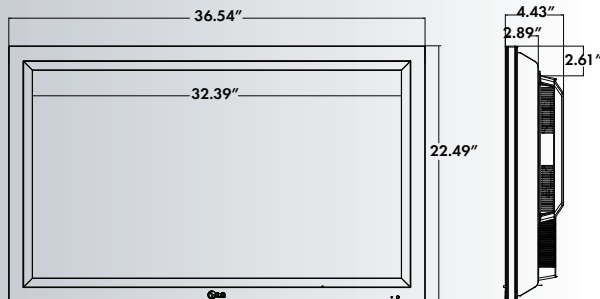
3 YEAR LIMITED WARRANTY
(parts/labor)



* ATSC/NTSC/Clear QAM tuner, Pro:Idiom®, and Pillow Speaker interface are available when used in conjunction with optional HCS5650 interface box. HCS5650 has a 1 year limited warranty.

Note: HDTV monitors require an optional set-top-box to receive high-definition broadcast.

DIMENSIONS



REAR JACK INPUTS



DISPLAY

LCD Panel Type	37" Class
Display Area	37.0" diagonal
S-IPS	Yes
Aspect Ratio	16:9
Native Resolution	1366x768
Brightness	500 cd/m ²
Contrast Ratio	3,000:1 (DCR)
Response Time	5ms (G to G)
Viewing Angle	178° / 178°
MTBF Approx.	50,000 Hrs (minimum)
Color Depth	16.7 Million (8bits)
Surface Treatment	Hard Coating (3H) Anti-glare
VIDEO	
Max Input Resolution	1600x1200@ 60Hz (Analog) 1920x1080@ 60Hz (Digital)
Recommended Resolution	1360x768 @ 60Hz (Analog / Digital)
H-Scanning Frequency	30 ~83kHz (Analog/Digital)
V-Scanning Frequency	56~75 Hz (Analog), 60 Hz (Digital)
Pixel Frequency	162 MHz (D-Sub), 148.5 MHz (HDMI/DVI)
Sync Compatibility	Separate/Composite
Video Input	RGB Analog/Digital
Picture mode	Vivid/Standard/Cinema/Sports/Game User1/User2
Backlight Control	Yes
Color temperature	Warm/Medium/Cool/User

SPECIFICATIONS

REAR INPUTS/OUTPUTS

Component Video	2 Hi-Res (BNC)
PC Input/Output via 15-Pin sub "D"	1 / 1
Composite Video Input/Output	1 (BNC) /1 (BNC)
Audio Output	1
Audio Inputs	3 Plus PC Sound
HDTV Formats	Component : 720p/1080i HDMI :720p/1080i/1080p
PC Formats	Auto Scaling to XGA
HDMI/DVI with HDCP	Yes
RS-232C Input/Output	1 / 1
S-Video	1 (S-Video has a priority but there is no input mode)
Audio Jack Built-in (No Amp)	Yes
Discrete IR Input	Yes
External Speaker Out	Yes
AUDIO	
Auto Volume	Yes
Balance	Yes
Audio Power	20W (10W x 2)
Speaker On/off	Yes
Sound mode	Clear Voice/Standard/Music/Cinema/ Sports/Game/User

SPECIAL FEATURES

New Temperature Sensor	Yes
New Split Zoom	Yes (Adjusts for bezel width)
(Self Video Wall, 5 x 5 Max)	
Source Selection	Digital (HDMI/DVI)/Analog (RGB)/Component 1 Component 2/AV
Brightness/Contrast	Yes
Color	Warm / Medium / Cool /User Control(R/G/B)
Position	H / V
Tracking	Auto / Clock / Phase
Set-up	Language (English/French/Spanish/Italian/German Portuguese/Korean/Japanese/Chinese/Russian)
ISM Method	Normal/White wash/Orbiter/Inversion/Dot wash
Advanced	Gamma / Film mode /Black level / Noise Reduction
Time	Clock / On/off timer / Auto sleep / Power on Delay
Information Display	Serial Number, SET ID, S/W Version
Mute	Yes
Sleep Timer	Yes
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes

CABINET

Color	Black
Monitor Dimension (W x H x D)	36.54" x 22.49" x 4.43"
Weight	47.5 lbs
Carton Dimensions (W x H x D)	40.4" x 10.0" x 26.9"
Packed Weight	56.44 lbs
VESA™ Standard Mount Interface	600mm x 400mm
POWER	
PowerCord	UL Hospital Grade Listed
Power Supply	100 -240V~, 50/60Hz
Power Type	Built-in Power
Power Switch Type	Tact Switch
Power Saving	
Normal	180 W
Stand-by/Suspend	1W(RGB) / 4W(HDMI/DVI)
DPM Off	1W(RGB) / 4W(HDMI/DVI)
Switch Off	1W

STANDARD (CERTIFICATIONS)

Safety	UL / c-UL / CB scheme / TUV / NEMKO
EMC	FCC Class "B" / VCCI / C-tick / GOST / CE / MIC
Listings	UL and cUL listed for hospital use in USA and Canada

OPTIONAL ACCESSORIES

Speakers (SP0000K)	Black
Speaker Dimensions (W x H x D)	1.61" x 12.92" x 2.17"
Weight (each)	0.815 lbs
HCS5650	Interface Box Provides integrated HD Tuner, Pro:Idiom and pillow speaker port

LIMITED WARRANTY

M3702C-BH	3 years (parts and labor)
Optional HCS5650	1 year (parts and labor)
UPC CODE	7 19192 18510 4

www.LGcommercial.com



LG Electronics U.S.A., Inc.
Commercial Products Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888.865.3026

Contact your LG Regional Sales Representative
Healthcare: 877.793.6484

SPEC_M3702C-BH_080807_PR



All screen images are simulated. Dimensions and weights are approximate. Design, features and specifications subject to change without notice.

© Copyright 2008 LG Electronics USA, Inc. All Rights Reserved. "LG Life's Good" is a registered trademark of LG Corp. Super IPS is a registered trademark of LG Electronics USA, Inc. Pro:Idiom is a registered trademark of Zenith Electronics Corp. VESA is a trademark of Video Electronics Standards Association. All other product and brand names are trademarks or registered trademarks of their respective companies. UL Mark is a registered trademarks of Underwriters Laboratories Inc. HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Printed in the USA. August 2008