



LG

Life's Good

M4212N

42" LCD Data/video monitor
with built-in PC

LG FLATRON LARGE SIZED WXGA TFT LCD MONITOR FOR COMMERCIAL



- RS-232 Multi-Monitor Connectivity Feature
- Split zoom in tiling matrix (Video Wall mode)
- Optimized Picture Image
- High Picture Quality
- Ideal for Public Information Display
- Multitude of Features
- Narrow bezel 29 mm
- Various AV Functions



42" LARGE SIZED WXGA TFT LCD MONITOR WITH BUILT-IN PC FOR COMMERCIAL

Ideal for Public Information Display²⁶⁰

The large screen, coupled with its high brightness and multitude of features, makes it well suited for giving information to large group of people.

Multiple Feature

HDCP, Lamp Fault Sensor, Heat Sensor, Power Indicator, ISM Method, Picture mode, Sound mode, Scheduling, tiling, DPM mode, Power on delay

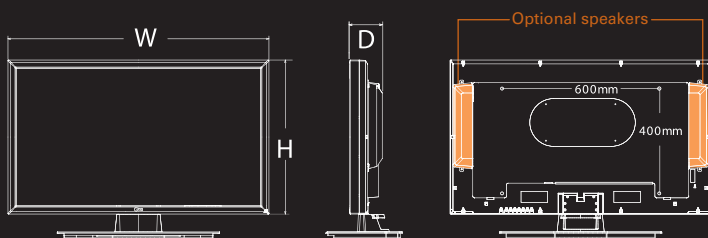
Various AV Functions with Remote Control, Multimedia Speaker (Stereo 10W x 10W)

RS-232C Multi-Monitor Connectivity Feature

RS-232C enables remote controlling of multiple monitors with a single computer. User can control the power, contrast, brightness, volume, etc. with a single computer source by connecting cables among displays.

Built-in PC specifications

CPU	Intel Celeron575(2.0G)
Mother Board	Q45+ICH9
Memory	DDR II 800MHz 1GBX1EA
Internal video	Integrated Intel G45 (GMA X4500)
DC to DC	External Board(40x120mm), cable
Wireless	-
Ethernet	Realtek RTL8111 (RJ45)
HDD	S-ATA 2.5" 160GB
Interface	RJ45, USB x4,RGB Out, DVI Out,SerialX1
OS	Embedded MS Windows XP optional



LARGE SIZE SERIES FLATRON M4212N

PANEL

Screen Size	42"
Aspect Ratio	16 : 9
Native Resolution	1366 x 768 (WXGA)
Pixels(H x V x 3)	3,147,264
Brightness.	500 cd/m2
Contrast Ratio	3000 : 1 (DCR)
Viewing Angle(H x V)	178 x 178
Color Depth	16.7 Million
Response Time	9 ms (G to G)
Surface Treatment	Hard Coating (3H) Anti-glare
Lifetime	50,000 Hr. Portrait&Landscape

VIDEO

Recommended Resolution	1360 X 768 @ 60Hz(RGB, HDMI/DVI)
H-Scanning Frequency	30 ~ 83kHz (RGB, HDMI/DVI)
V-Scanning Frequency	56 ~ 75 Hz(RGB), 60 Hz(HDMI/DVI)
Sync Compatability	Separate / Composite / Digital
Video Input	RGB, HDMI/DVI
Picture mode	Vivid / Standard / Cinema / Sports /Game / User1 / User2
Color temperature	Warm / Medium / Cool / User

REAR INPUTS

Component Video	2 Hi-Res
PC Input via 15-Pin Sub "D"	1 / 1
Input/Output	
Composite Video Input/Output	1 / 1
Audio Output	1
Audio Inputs	3 Plus PC Sound
HDTV formats	Component : 720p / 1080i HDMI :720P / 1080i / 1080p

PC formats	Yes
HDMI/DVI with HDCP	Yes
RS-232C Input/Output	1 / 1
S-Video	Yes (No input mode)
Audio Jack Built-in(No Amp)	Yes
Discrete IR Input	Yes
External_Speaker Out	Yes

AUDIO

Surround MAX	Not supported
Auto Volume Limiter	Yes
Audio Power	20W (10W x 2)
Balance	Yes
Sound mode	Clear Voice / Standard / Music/Cinema / Sports / Game / User
External Speakers	Optional

SPECIAL FEATURES

Advanced Picture In Picture	No
New Temperature Sensor	Yes
New Split Zoom	Yes, supports natural mode
(Self Video Wall, Max 5 x 5)	
Image Zoom	No
Source Selection	Digital(HDMI/DVI) / Analog(RGB) / Component1 / Component2 / 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/Portugues/Korean/Japanese/Chinese/Russian)

ISM Method

Advanced	Gamma / Film mode /Black level / Noise Reduction
Time	Clock / On/off timer / Auto sleep / Power on Delay
Information display	Serial Number, SET ID, SW Version
Mute	Yes
Sleep Timer	Yes
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes

CABINET

Color	Black / Silver
Monitor Dimension (W x H x D)	99,57 x 58,7x 11,4 (cm)
Monitor Dimension (incl. stand)	99,57 x 67,6 x 29.2 (cm)
Weight (excl. stand, excl. speakers)	21.4 kg
Weight (incl. stand, excl. speakers)	24.6 kg
Weight (incl. stand, speakers)	25.5 kg
VESA Standard Mount Interface	600 x 400 (AP-WX60)

POWER

Power Supply	100-240V~, 50/60Hz
Power Type	Built-in Power
Power Saving	
Normal	220 W
Stand-by/Suspend	1W (RGB) / 4 W(HDMI/DVI)
DPM Off	1W (RGB) / 4 W(HDMI/DVI)
Switch Off	1W

STANDARD (CERTIFICATION)

Safety	UL / cUL / CB scheme / TUV / NEMKO
EMC	FCC Class "B" / VCCI / C-tick / GOST / CE / MIC

INTERFACE

