



**MIRACUBE**

*Best choice!  
Best result!  
Miracube stereoscopic  
3D solution*

*Total solution  
From content creation  
To the professional 3D display.*

*Miracube provides  
a wide variety of 3D solutions  
from content creation  
to the world's largest 3D multicube system.*

## The leader **brand** of Stereoscopic

# MIRACUBE

### Model : **G240M**



Size : 24"  
Stereo type : Glasses  
Resolution : 1920x1200  
VGA/DVI/HD component

### Model : **G460X**



Size : 46"  
Stereo type : Glasses  
Resolution : 1920x1080  
VGA/DVI/HD component

### Multicube : **3x3**



Size : 46"x 9EA (139")  
Stereo type : Glasses  
Resolution :  
Input (1920x1200 Only)  
Display (1920x1080 9EA)

### MIRACUBE MFX 3D Engine

MIRACUBE MFX3D Engine supports Frame Sequential, Side by Side, Top & Bottom and Interlaced formats. The MIRACUBE MFX Engine is built in to provide a powerful & active 3D display. No-requirement for extra hardware or software.

### World's largest 3D solution line-ups

Miracube has a complete 3D solution for a variety of industries. Miracube has both glasses and non-glasses type displays.

### Switchable between 2D and 3D

All of our monitors can be switched between 2D and 3D simply by pushing a button. A second 2D monitor becomes obsolete. Just use the 3D mode for your stereoscopic 3D content, and switch back to 2D for all your normal 2D applications.

### Eco-technology AL case

The Recyclable aluminum case is environmentally friendly

### High resolution and wide viewing angles

Our monitors offer high resolution images - also in 3D! And a unique filter technology allows for extra wide viewing angles for multiple viewers and comfortable viewing. Passive glasses let you enjoy also long viewing periods and eye-fatigue a thing of the past.

### A certified system for a global market

Our monitors have CE, FCC and MIC certifications. All monitors comply with ROHS regulations.

### Range of applications for our 3D display solutions

Design Visualization :  
Architecture ,Machinery ,Building ,Product Design  
GIS Data Visualization :  
GIS ,Environment ,Landscape ,Urban Design  
Medical/BIO Visualization :  
Biology ,Medical Science ,Life Science ,Chemistry  
Product Presentation :  
Automobile ,Heavy Industries ,Aviation/Ship ,PR/Exhibition



## About Pavonine Korea

Pavonine, based in Korea, was founded in 1989 as a company specializing in material surface treatment.

It has a proud history of technical innovation and manufacturing excellence, winning numerous business awards in Korea.

Recognizing the enormous potential and importance of stereoscopic 3D technology for the future of the display industry, we have invested continuously since 2001 in 3D media technology and established our 3D LCD Displays as one of the leading solutions in this field.

By combining our manufacturing know how and excellence with a strong dedication to continued technical innovation, we are aiming to become the leading company in the stereoscopic 3D Display sector.



Manufactured by

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## Systems Diagram



With the Miracube Professional 3D Stereographic System, Pavonine Korea offers for the first time a complete system for professional 3D filmmaking in HD resolution.

# 3D Studio System for 3-D Contents Creation

Miracube's synchronizer uses Image processing technology without loss of image quality.

It is helpful for recording and monitoring in real time on set/ It is also valuable for editing, and even working on CG after recording in real time.

The camera mount can synchronize the movement of the 2 cameras and position them accurately to provide a properly aligned 3D movie. Parallel movement of the cameras by an automatic remote control provides an easy to use experience to go with this professional grade mount.

### Parallel RIG



Rigs a pair of professional cameras together  
Motorized controller for convergence and separation  
Equipped with control device for optical axis  
Including stereo LANC controller (option)

### 3D View finder



Real time monitoring  
Light weight  
Excellent Durability  
Portable with a carrying handle on top  
Adjustable flaps to block out the sun  
Professional Grade 3D Stereoscopic Display  
HD-SDI In & Out Ports  
Professional Grade Synchronizer for combining  
2 feeds into one 3D movie file

### 3DMNT-015FX (15.22" NTSC Specs) - SDI Support

Resolution (Aspect Ratio)	1280 x 720 (2D), 1280 X 360 (3D)
Input(Left/Right)	(Active Area 16:9 / Guide Line 4:3) SDI x 2
Output(Stereo)	SDI x 1
Connector	BNC female
Support	SMPTE296M SMPTE274M
Video Sampling	4:2:2
Color Precision	4:2:2 10bit
Color Space	4:2:2 YUV
Stereo Format	Side by Side, Frame Sequential
Mirror	Horizontal, Vertical
Processing	Hardware based real time
OSD Control	2D/3D, 720p, 1080i, Left, Right, LR, Frame, H Mirror, V Mirror, PA, Power
Dimension	470 x 155 x 405 (mm,WxLxH)
Weight	10.35kg
Power	DC 12V 3A (MAX) / 2P DIN
Accessories	Power Adaptor-1ea, Power Cable-1ea

### Stereoscopic 3D Projection Solution! 3D-Window



Passive glasses quality  
: No more heavy active glasses, just light passive ones!  
Only one 2D projector required Many are compatible!  
Ceiling Mountable  
Keep the kit and only change the projector  
Great for board rooms and teleconferencing  
Enhanced for Simulation and Visualization

Active Area	86 X 84 mm (4.7)
3D Type	Circular Polarization Glasses
Input(Left/Right)	RGB, DVI (VESA @ 60Hz), COMPONENT (NTSC)
Output	RGB (XGA @ 60Hz)
OSD Control	2D/3D(Power), Reverse, Source, Mode (FR,LR,UD)
Dimension(WxLxH)	400 X 240 X 240(mm)
Weight	6.4 KG
Power	AC 100-240V, 50/60Hz