

## 2 Product Specifications

### 2-1 Fashion Feature

- Support Analog/Digital/AV/S-Video/Component
- Improved Response Time by Adopting 16ms
- Support PIP when the sources are Analog and Digital
- Magic Bright2 : 6steps used  
Custom/Text/Internet/Game/Sports/Movie
- Magictune 4.0 and Pivot software installed
- Auto Pivot : When the monitor is rotated in 90 degree, the display LED and OSD also are automatically rotates accordingly. This can be performed only when Magictune 4.0 and the Pivot software are running.

### 2-2 Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 21-Inch viewable, 0.270 (H) x 0.270 (V) mm pixel pitch
Scanning Frequency	Horizontal : 31 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60 Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog / Digital / AV / S-Video / Component
Input Sync Signal	Separate H/V sync, Composite H/V, Sync-on-Green, Automatic synchronization without external switch of sync type Support Video mode : NTSC / PAL / SECAM / PAL M / PAL N / NT43 / PAL60 support DVI mode : 480i/p, 720p@50Hz, 720p@60Hz, 1080i@50Hz 1080i@60Hz (Support HDCP)  Level : TTL level
Maximum Pixel Clock rate	165 MHz
Active Display Horizontal/Vertical	453.6(H) X 283.5(V) mm
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz $\pm$ 3 Hz
Power Consumption	63W (Max)
Dimensions Set (W x H x D) Package	19.3x8.65x14.8 Inches (490x219.8x377mm) State of stand installed 23.1x10.3x17.7 Inches (587x262x450mm) State of stand pivoted
Weight (Set/Package)	7.5 kg(After installation of Stand, Head weight : 5.5kg)/ 9.0 kg
Environmental Considerations	Operating Temperature : 0°F ~ 122°F (0°C ~ 50°C) Operating Humidity : 20% ~ 90% Storage temperature : -4°F ~ 149°F (-20°C ~ 65°C) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	



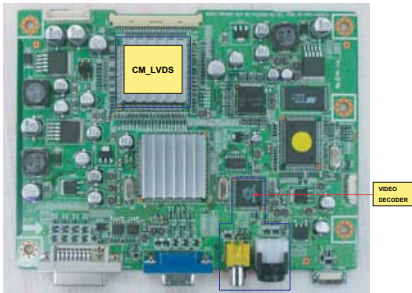
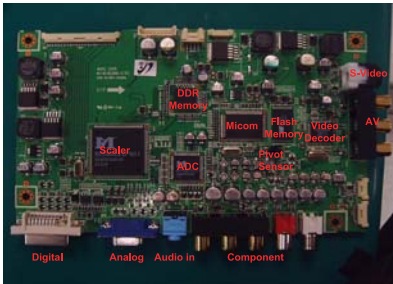
## 2-3 LDP21WS feature

No	Feature	Feature	Operating method
1	Auto Auto	If Doppler turns on in some resolution for the first time, it can execute Auto adjustment automatically for the high Quality	
2	Auto Power on/off	Doppler can check the change of Source Automatically and change the source to the active Input	
3	Wall mount	Doppler supports Wall mount (100mmx100mm VESA-compliant mounting interface pad.)	
4	Magic Bright	Doppler supports 6 Different Brightness Mode (Custom / Text / Internet / Game / Sports / Movie)	
5	Sharpness	Adjust the Sharpness	
6	Auto Pivot	As Doppler has sensor IC for Pivot, 1) if Doppler rotates 90° , 2) MCU can detect the current status through sensor IC, 3) Magic tune 4.0 &Pivot Software can make change Screen to the rotated degrees automatically	It must be installed Magic tune 4.0 and Pivot Software to the PC

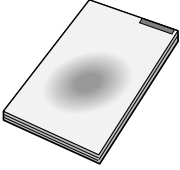
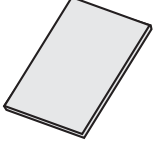
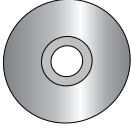
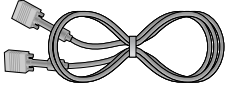

## 2-4 Spec Comparison

Key Specification		
Model	LS21BRBS 214T	LDP21WS 215TW
Screen Size	21.3"	21.0"
Brightness	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Contrast	700:1	900:1
Response Time	16ms	16ms ( G to G : 8ms )
Input Source	Analog / Original / AV / S-Video	Analog / Digital / AV / S-Video / Component
Magic Color	O	X
Magic Pivot	O	O
Magic Tune	Ver 4.0	Ver 4.0
6-Color	O	X
Color Weakness	O	X
Gamma	8 steps -0.2 / -0.1 / 0 / +0.1 / +0.2 / +0.3 / +0.4 / +0.5 / +0.6	X
Magic Bright	4 steps Text / Internet / Entertain / Custom	6 steps Custom/Text/Internet/Game/Sports/Movie
Color Tone	6 steps Warm2 / Warm1 / Normal / Cool1 / Cool2 / Cool3 / Cool4	4 steps Cool / Normal / Warm / Custom




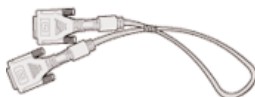

2-5 Spec Comparison to the Other Models

Model	LS21BRBS 214T	LDP21WS 215TW
Response	21.3"	21.0"
Input Source	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Magic Pivot	AUTO (Pivot program + Aensor IC)	AUTO (Pivot Program + Sensor IC)
Magic Color	O	X
Magic Tune	Ver 4.0	Ver 4.0
6-Color	O	X
Color Weakness	O	X
PBA		
Additional portion		

## 2-6 Option Specification

Item	Item Name	CODE.NO	Remark
	Quick Setup Guide	BN96-03197A	
	Warranty Card (Not available in all locations)	BH68-00261F	
	User's Guide, Monitor Driver, Natural Color software, MagicTune™ software	BN59-00520A	
	D-Sub(15 Pin) Cable	BN39-00244B	
	Power Cord	3903-000085	

2-7 Option Specification(Sold separately)

Item	Item Name	CODE.NO	Remark
	S-Video Cable		
	RCA Cable (Video-Yellow, Audio-Red and White)		
	Component Cable		
	DVI Cable		
	Audio Cable		