

## 2. Product specifications

### 2-1. Feature & Specifications

Feature		
<ul style="list-style-type: none"> <li>▶ Supreme Digital Interface &amp; Networking               <ul style="list-style-type: none"> <li>- With a built-in HD digital tuner, it supports HD broadcasting with no particular set-top box and provides simple access with a single remote control.</li> </ul> </li> <li>▶ Excellent Picture Quality</li> <li>▶ Dynamic Contrast               <ul style="list-style-type: none"> <li>- Automatically detects the input visual signal and adjusts to create optimum contrast.</li> </ul> </li> <li>▶ DTV Tuner, HDMI, Stereo</li> <li>▶ Convenience               <ul style="list-style-type: none"> <li>-The TV utilizes the HDMI system to implement perfect digital sound and picture quality.</li> </ul> </li> </ul>		
Specifications		
Item	Description	
Model	2333HD	
LCD Panel	TFT-LCD Panel, RGB Vertical stripe, normally White, 23-Inch viewable, 0.2655 (H) X 0.2655 (V) mm Pixel Pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical: 56 Hz ~ 75 Hz(Automatic)	
Display Colors	16.7 Million colors	
Maximum resolution	Horizontal: 1920pixels Vertical: 1080pixels	
Input Signal	Analog 0.7 Vp-p $\pm 5\%$ positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	138.5 MHz	
Active Display (Horizontal/Vertical)	509.76 (H) X 286.74 (V)	
AC power voltage & Frequency	AC 110 ~ 240V, 50 ~ 60 Hz	
Power Consumption	58W < 2W	
Dimensions Set (W x D x H)	557.8 X 363.8 X 74.0 (Without Stand) 557.8 X 415.3 X 218.8 (With Stand)	
Weight Set (After installation Stand)	6.1 Kg	
TV System	Tuning	Frequency Synthesize
	System	PAL, NT443, SECAM
	Sound	MONO, STEREO, NICAM

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Item	Description
Model	2333HD
Environmental Considerations	Operating Temperature: 50°C ~ 104°F(10°C ~ 40°C) Operating Humidity : 10% ~ 80% Storage Temperature: -4°C ~ 113°C(-20°C ~ 45°C) Storage Humidity: 5% ~ 95%
Antenna Input	75Ω
Sound Characteristic	-MAX Internal speaker Out : Right : 3W / Left : 3W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz

## 2-2. Spec Comparison to the Old Models

Model	2333HD(Refresh)	2333HD
Design		
Screen Size	23"	23"
Resolution	1920X1080 (FHD) 60Hz	1920X1080 (FHD) 60Hz
Brightness	300cd/m2	300cd/m2
Contrast Ratio	1000:1	1000:1
Response Time	5ms	5ms
Viewing Angle	Left/Right/Up/Down : 80°/80°/80°/80°	Left/Right/Up/Down : 80°/80°/80°/80°
PC Input	D-SUB, DVI	D-SUB, DVI
Power Consumption	58W	58W
DPMS	Less than 2W	Less than 2W
Sound Output	3W x 2	3W x 2
DTV Resolution	SD,HD(H.264 Support(France))	SD
UI	Single UI	Smart UI

Image Size : If the resolution is not wide resolution, this option allows the screen size to be selected as normal or wide.

## 2-3. Accessories

Product	Description	Ccde. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00865A	Samsung Electronics Service center
	Power Cord	3903-000085	
	Stand Body	BN96-07605D	
	Stand Base	BN96-07604A	
	D-Sub Cable	BN39-00244G	
	User's Guide, Monitor Driver, Natural Color Pro Software	BN59-00905A	
	Cleaning Cloth	BN63-1798B	