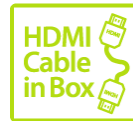


## HS 228 PPB (REW: EU – EEW: UK)

21.5" / 54,61cm Diagonal  
LED Backlight – Format 16:9

- 21.5" 16:9 LED Backlight Monitor
- 1920 x 1080 Resolution Full HD 1080p
- 178° / 178° Ultra Wide Viewing Angle
- Triple Input: DP + HDMI + VGA
- Super Slim Design and Thin Bezel
- Built-In Stereo Speakers
- Tilt and Wall-Mountable (VESA)
- Low Power Consumption & Multi-Video Modes
- ECO Friendly
- Flicker Free
- Low Blue Light Mode



21.5" / 54,61 cm

Part No.: HS 228 PPB

### SIZE, RESOLUTION



21.5"  
16:9 Aspect Ratio



Full HD  
1920 x 1080

### CONNECTIVITY, SPEAKER



Display Port  
HDMI  
VGA



Built-In  
Stereo Speaker

### VIEWING ANGLE, VESA



178° Ultra-Wide  
Viewing Angle



Ultra-Slim  
Design

### OTHER FEATURES



Eco  
Friendly



Low Blue  
Light  
Mode



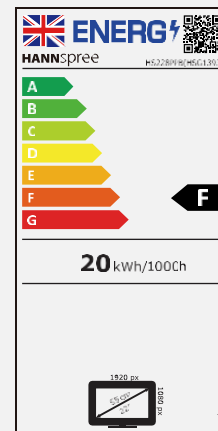
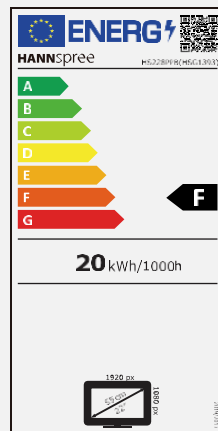
Tilt



Flicker  
Free

Display Size	54,6cm / 21.5" Diagonal
Panel Type	TFT – LED Backlight VA Panel (*)
Aspect Ratio	16:9
Resolution (H x V)	1920 x 1080 Full HD
Brightness	250cd/m <sup>2</sup>
Contrast (Typ.)	3.000:1 (Typical)
Contrast (Active)	80.000.000:1 (Active)
Viewing Angle L/R; U/D	178° H – 178° V (CR >10)
Response Time	5 msec (with OD)
Pixel Pitch	0,248 (H) x 0,248 (V) mm
Panel Surface	Anti-Glare
Display Colors	16.7M Colors
Horizontal Frequency	30 ~ 83 kHz
Vertical Frequency	56 ~ 75 Hz
Max Display Frequency	1920 x 1080 @ 60Hz
Input 1	D-Sub (VGA)
Input 2	HDMI 1.4 (with HDCP support)
Input 3	Display Port 1.2 (with HDCP support)
Buil-in Speakers	Yes, 2W x 2; Earphone Jack
Power Consumption	On: 10,81W; Stand-by: 0,35W; Off: 0,22W (Energy Consumption related to EPA Energy Star Version 8.0)
AC Power Range	AC 100 ~ 240 Volt; 50 ~ 60 Hz
Product Dimensions	488,8 x 168 x 377,8 mm (W x D x H)
Packing Dimensions	547 x 116 x 372 mm (W x D x H)
Net / Gross Weight	2,8 Kg / 3,9 Kg
Bezel & Color Plan	Bezel / Arm / Base / Rear Cover: Black texture

VESA Mounting	100 x 100 mm
Monitor Stand	Normal Stand
Tilt / Kensington Lock	-5° ~ 20° / Yes
Pivot / Swivel	- / -
Controls	Menu, <, >, AUTO, Power
Color	Warm, Natural, Cool, User Mode
Preset Mode	PC, Movie, Game, ECO Modes
On Screen Display	11 OSD Languages
Accessory	Power Cable (1,5m); HDMI Cable (1,5m); Warranty Card; Quick Start Guide
Other Features	Low Blue Light Mode Flicker Free



Supplier's Name	HANNspree
Model Name	HS228PPB
Energy efficiency class for standard Dynamic Range (SDR)	F
Annual Energy Power Consumption (kWh/1000h)	20 kWh/1000h
On mode power demand for Standard Dynamic Range (SDR)	20 W
Off mode power demand (W)	0,3 W
Standby mode power demand (W)	0,5 W
Screen Diagonal (cm / inches)	54,6cm / 21,5"
Resolution	1920 x 1080

PART NO.:  
HS 228 PPB  
(REW: EU – EEW: UK)

