

42HDT20

HDTV
MONITOR



42" Digital 16:9 HDTV Monitor/Plasma Television

Convenience

- Two-Piece Television System
2 NTSC Tuner Audio Video Control (AVC) Center
Slim-Design Plasma Display Panel with Stand
Elegant One-Wire AVC Connection
Silent Operation without Fans
- New Easy-to-Use On-Screen Menu Control (3-Language)
- New AV Network Infra-Red (IR) System
Controls up to 4 Components
Easy-to-Use On-Screen Commands
Control Hidden Components
Set-Up Wizard Guides Installation
- Digital Window™ Two-Tuner Split Screen¹
- Digital Window™ HD Split Screen
- Digital Window™ Picture-in-Picture¹
- Illuminated and Preprogrammed Remote Control
- Automatic Power On/Off via Signal Detection
- Menu Control Keys Accessible from AVC Center
- Picture Enhancement for RGB Sources
- Input Signal Identification
- Closed Captioned Decoder (CC)

Picture

- 1080i HDTV Format⁴
- ALiS (Alternate Lighting of Surfaces) Technology
- VirtualHD™
1080i/720p/540p³/480p/480i Processing
3:2 Film Correction
8 Point Video Motion Detection
- High-Contrast MBP Pure-Color Glass Shield
- Wide Viewing Angle: More than 160°
- 3 Color Temperature Presets: Standard (6500K), Medium (7500K), Cool (9200K)

- Multiple Screen Modes² (4:3 Expanded, 4:3 Standard, 4:3 Zoom1, 4:3 Zoom2, 16:9 Standard)
- 4MB 10-bit 3D Y/C Comb Filter
- Picture Modes (News, Sports, Movies, Music)
- Computer Display: VGA, (SVGA, XGA, SXGA -scaled)

Sound

- Dual 3" Woofers with 1" Silk Dome Tweeter (L&R Detachable)
- MTS Stereo/SAP with dbx™
- SRS TruBass™ and Matrix Surround
- Subwoofer Output
- 12W + 12W
- Soft Mute (50% & 100%)

Inputs/Outputs

Audio Video Control Center	
Inputs	RGB1, RGB2, VIDEO 1-5
Wideband Component Video Inputs Y, Pb, Pr...2 Sets (1080i, 720p, 540p ³ , 480p, 480i)	
RGB1 – Analog	1
RGB2 – Digital (DVI w/HDCP)	1
Composite Video	4
S-Video	3
Antenna (RF) Inputs.....	2
Converter Box Output	1
Audio Output.....	1
Monitor Output	1
Headphone Output	1

Specifications

Multi-Scanning	24-80KHz (h), 50-75Hz (v)
Pixel Pitch	0.90 (h) x 0.51 (v) mm
Display Resolution	1024x1024
FCC Class	B for Consumer Use
Power Requirements	108-132V, 60Hz
AVC Power Consumption (watts/amps).....	35/0.75
Display Power Consumption (watts/amps)	TBD

Dimensions

Monitor Without Stand:	
Width	40-9/16" (1030mm)
Height	25-1/16" (636mm)
Depth.....	3-9/16" (89mm)
Weight (w/stand and spkrs.)	86 lbs. (38.8kg)
Audio Video Control Center:	
Width	16-15/16" (430mm)
Height.....	4-3/4" (120mm)
Depth	11-1/16" (280mm)
Weight.....	9 lbs. (4kg)

Supplied Accessories

- Illuminated Preprogrammed Remote Control
- Batteries
- (2) IR Mouse Cables 9ft.
- AC Cable 6ft. (1.8M)
- Monitor Connection Cable 9ft. (3M)

Optional Accessories

- Monitor Connection Cable 32ft. (10M)
- Wall Mounting Bracket (WVM20)

¹ Digital Window Features are not available with RGB Inputs

² Screen Mode Availability Varies by Input Format

³ RGB Input Only

⁴ 1024 Viewable

HDTV Monitors display HDTV when combined with an HDTV Tuner and source.

All specifications, weights, and dimensions are subject to change without prior notice. Please access www.hitachi.com/tv for detailed specifications and dimensions for custom installations.

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