

46ME313V

46" 1080p LED LCD HDTV

With its 1080p HD picture, LED backlight, DTS TruSurround™ audio and multiple AV inputs, the 46ME313V features superb audio and video quality and an affordable, versatile design.

- **LED backlight technology for sharp, brilliant pictures**
- **Spectacular picture with Full HD 1080p resolution**
- **Brilliant Motion Rate 120 for superb motion clarity**
- **3 HDMI Inputs for the best picture and sound quality**
- **DTS TruSurround™ technology for immersive surround sound**
- **PC Input for use as a PC monitor (via VGA or HDMI)**
- **JPEG Photo Viewer to share your photos on-screen**
- **ENERGY STAR® certified for lower energy use**



LED

Full HD
1080p

dts
TruSurround

HDMI x3



46ME313V/F7 46" 1080p LED LCD HDTV

Product specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size: 46 inch / 116.84 cm
- Visible screen diagonal (inch): 46 inch
- Panel resolution: 1080p, 1920 x 1080 pixels
- Picture enhancement: Progressive scan, 3D Combfilter, Digital Noise Reduction, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, Clear Pix X2

Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080	60Hz

Sound

- Sound System: Mono, Stereo, SAP, Dolby Digital (AC-3)
- Sound Enhancement: DTS TruSurround™
- Output power (RMS): 2 x 10W

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of Installation: Autostore, PLL Digital Tuning
- User convenience: Sleep Timer
- Ease of Use: Auto Volume Leveller (AVL), On Screen Display, Smart Picture, Smart Sound, Closed Captioning Full Text
- Screen Format Adjustments: 4:3, 16:9, Normal, Zoom, Full, Movie Expand, Wide
- Child Protection: Child Lock+Parental Control

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type

- Tuner Bands: UHF, VHF
- TV System: ATSC, NTSC
- Video Playback: NTSC

Connectivity

- AV 1: CVBS in, shared audio L/R in
- AV 2: YPbPr, shared audio L/R in
- HDMI 1: HDMI, shared audio L/R in
- HDMI 2: HDMI, shared audio L/R in
- HDMI 3: HDMI, shared audio L/R in
- PC: VGA-in D-Sub 15HD, shared audio L/R in
- USB: USB (photo, movie)
- AV output: Headphone out
- Audio Output - Digital: Coaxial (cinch)
- HDMI-CEC: One touch play, Auto TV on, Power status, System standby, Routing control, System audio control, System info

Power

- Mains power: 120V/60Hz
- Power consumption: 90 W
- Standby power consumption: <0.5W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

Dimensions

- Set dimensions in inch (W x H x D): 42.90 x 25.90 x 4.90 inch
- Set dimensions with stand in inch (W x H x D): 42.90 x 27.90 x 10.70 inch
- Product weight (lb): 27.34 lb
- Product weight (+stand) (lb): 31.75 lb
- Box dimensions in inch (W x H x D): 46.70 x 30.40 x 8.20 inch
- Weight incl. Packaging (lb): 39.36 lb
- VESA wall mount compatible: 400 x 300 mm

Accessories

- Included accessories: User Manual, Quick start guide, Registration card, Remote Control, Batteries for remote control, Table top stand, Cable management

LED Backlight

LED backlight technology delivers stunning pictures with extreme contrasts, deep blacks, vivid details, and rich colors - all with less energy compared to a normal LCD TV of the same screen size.

Full HD 1080p Resolution

Full HD 1080p is currently the highest broadcast resolution. It allows for the best picture quality and produces brilliant, flicker-free progressive scan pictures with optimum brightness and color. These vibrant and sharp images will provide you with an enhanced viewing experience.

BMR 120

Enjoy your favorite action packed sports and movies with Brilliant Motion Rate of 120. BMR120, advanced backlight control technology, provides brilliant motion clarity and sharpness making your HDTV experience even more enjoyable.

DTS TruSurround™

DTS TruSurround delivers an immersive virtual surround sound experience over front facing speaker configurations, complete with rich bass, high frequency detail and clear dialog.

Dolby Digital

Dolby Digital, the world's leading digital multi-channel audio standard, makes use of the way the human ear naturally processes sound. With Dolby Digital you experience superb quality surround sound audio with realistic spatial cues.

3 HDMI Inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest possible output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and incorporates digital audio signals. HDMI uses HDCP copy protection.

VGA Input

VGA input provides a connector to accommodate input of an analog signal for use with a PC.

JPEG Photo Viewer

JPEG Photo Viewer displays photos stored on an external USB stick, letting you easily share memories with gathered family and friends.

fun-Link

fun-Link allows one remote control to operate your TV and TV-connected devices, including Blu-ray players and home theater systems.

Energy Star

Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

