

# DELL™ Professional P2010H, P2210H, P2310H



20"W, 21.5"W, 23"W Monitors

## EXCELLENT PERFORMANCE, CONNECTIVITY, AND COMFORT FOR PRODUCTIVITY

Enjoy excellent picture quality and clarity of the full HD resolution with Dell P2210H & P2310H monitors that provide users a spacious area, allowing up to 58% more content<sup>2</sup> to be displayed compared to a standard flat panel. The Dell P2010H, P2210H, and P2310H come with 16:9 aspect ratio widescreen which enables viewing of multiple windows side by side on a single screen and coupled with 10,000:1 Dynamic Contrast Ratio (typical) for outstanding color detail and vivid display, making them the perfect complements to your office environment, helping to boost productivity and efficiency in the workplace.

Dell P2010H, P2210H, and P2310H monitors are designed to deliver energy savings to your business by utilizing an efficient two CCFL backlight system. Dell P2310H consumes up to 42% less typical power consumption<sup>3</sup> than a traditional 22" LCD monitor with a four CCFL backlight system. They are also ENERGY STAR® compliant and EPEAT Gold rated which can help you save money and the environment.

The Professional P2010H, P2210H, and P2310H come with an array of video connectors to meet your various video connectivity requirements including DVI (HDCP) and DisplayPort (DP cable is optional) which deliver no jitter high quality digital image and excellent color uniformity.

Designed for user comfort and convenience, these monitors are packed with many adjustability features that make it easy for collaborative viewing and switching between landscape / portrait modes in an instant to help increase your productivity.

Dell Professional series monitors are backed with the Premium Panel Guarantee which provide you with a replacement monitor should even one bright defective pixel be found on the screen during the limited hardware warranty<sup>5</sup>.



## EXCELLENT FRONT-OF-SCREEN PERFORMANCE AND CONNECTIVITY

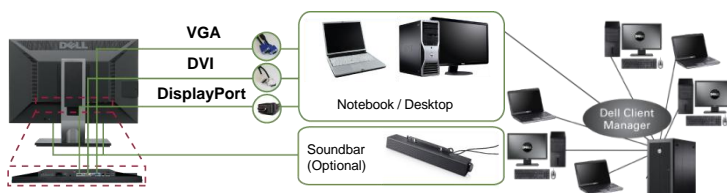
- 1920x1080 (P2210H/P2310H) maximum and 1600 x 900 (P2010H) maximum widescreen resolution are designed for efficient productivity by delivering spacious screen real estate and enabling side by side multiple window viewing.
- 1000:1 (typical) contrast ratio and 10,000:1 (typical) DCR render vivid image contrast and definition.
- 5ms (typical) fast response time helps prevent ghosting in fast motion video.
- 250cd/m<sup>2</sup> (typical) brightness for outstanding and clear image display.
- DisplayPort and DVI-D with HDCP connectivity delivers high digital quality image and excellent color uniformity.

## DESIGNED FOR COMFORT AND CONVENIENCE

- 4 easy access USB 2.0 ports for convenient plug-in of USB devices straight from your monitor.
- Excellent adjustability features such as height-adjustable, panel swivel and tilt, as well as pivot capability, are designed to enable maximum user comfort and collaborative viewing.
- Cable management feature helps organize cables to reduce desk clutter.
- Easy monitor panel detachment from stand to support wall-mount requirements (wall-mount equipment sold separately)

## ASSET MANAGEMENT CAPABLE

- Supports remote asset management when used with Dell PC in a network managed by Dell Client Manager.
- Enables remote access to EDID information like model name, PPIID, year of manufacture, and status for asset tracking & monitoring across network.
- Enables remote control of brightness, contrast, power-off and restoring of various factory default settings



## DESIGNED FOR COMFORT AND EASE-OF-USE

- Comprehensive screen adjustability options:



1) Height Adjustment



2) Swivel (45° Left and Right)



3) Pivot



4) Tilt

- 4 USB 2.0 high speed ports for easy connection of peripheral devices such as cameras, USB keys or mouse.

## Why Dell Monitors?

### TECHNOLOGY LEADERSHIP

Dell constantly strives to provide the greatest and latest in display innovations, bringing relevant, customer-driven technology to you for an excellent viewing experience.

### UNCOMPROMISING VALUE

Dell monitors are designed to exacting standards and manufactured by some of the world's foremost suppliers, consistently delivering outstanding performance, quality and reliability.

### WORLD CLASS SERVICE & SUPPORT

Enjoy the exceptional service and support that you have come to expect from the Dell brand. We provide accountability, a single point of contact and the peace of mind of purchasing from a stable and reliable technology partner.

### EPEAT GOLD



Through our commitment to help protect the environment, Dell Professional P2010H, P2210H, P2310H are EPEAT Gold qualified. Electronic Product Environment Assessment Tool (EPEAT) is a set of performance criteria that evaluates environmental attributes for both public and private sectors.

### ENERGY EFFICIENCY



As an Energy Star®-compliant partner, Dell offers flat panel monitors that are designed to reduce power requirements which can result in energy savings without sacrificing performance.

### ENVIRONMENTALLY-CONSCIOUS DESIGN

Dell seeks to proactively eliminate environmentally sensitive substances from our products when there are viable alternatives and we strive to design products that are easily recyclable. The Dell Professional P2010H, P2210H, P2310H external chassis are comprised of more than 25% post-consumer recycled plastics to reduce environmental impact.

### Halogen-Reduced

As part of Dell's continuous efforts to eliminate the use of environmentally sensitive materials in our products, the Dell Professional P2010H, P2210H, P2310H offer multiple printed circuit boards containing "halogen-free" laminates (per JPCA ES-01-1999), as well as "halogen-free" chassis plastics.

### RECYCLING

Dell recommends that customers dispose of their used computer hardware, including monitors, in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of product, components and/or materials. For more information, please visit [http://dell.com/recycling\\_programs](http://dell.com/recycling_programs) and [www.dell.com/environment](http://www.dell.com/environment)

## DETAILED SPECIFICATIONS

### Dell™ Professional P2010H 20"W, P2210H 21.5"W, P2310H 23"W Monitors

| DISPLAY  | P2010H  | P2210H  | P2310H  |
|--|---|---|---|
| Viewable Image Size  | 20" wide  | 21.5" wide  | 23" wide  |
| Preset Display Area (horizontal x vertical)                          | 442.8 mm (17.4") x 249.1 mm (9.8")  | 476.6 mm (18.8") x 268.1 mm (10.6")   | 509.2 mm (20.1") x 286.4 mm (11.3")   |
| Maximum Resolution   | 1600 x 900 at 60 Hz   |   |   |
| Pixel Pitch  | 0.277 mm  | 0.248 mm  | 0.265 mm  |
| Brightness (Typical)   | 250cd/m <sup>2</sup>  |   |   |
| Color Gamut (Typical)  | 83% <sup>1</sup>  |   |   |
| Contrast Ratio   | 1000:1 typical (Static); 10,000:1 typical (Dynamic)                           |   |   |
| Viewing Angle (Typical)  | 160° (vertical) / 170° (horizontal)   |   |   |
| Response Time (Typical)  | 5ms   |   |   |
| Panel Type & Surface   | TN  |   |   |
| <b>CONNECTIVITY</b>  |   |   |   |
| Available Connectors   | VGA (Analog), DVI-D (Digital) with HDCP, DisplayPort                          |   |   |
| Remote Asset Management  | Yes, used with PC managed by Dell Client Manager                              |   |   |
| <b>DESIGN FEATURES</b>   |   |   |   |
| Height Adjustment  | Yes (120mm up or down)  | Yes (100mm up or down)  |   |
| Swivel   | Yes (45° left and right)  |   |   |
| Tilt   | Yes (4° forward and 21° backward)   |   |   |
| Pivot  | Yes   |   |   |
| VESA Mounting Support  | Yes (100mm) - Wall mounting equipment sold separately                         |   |   |
| USB  | 4 USB 2.0 ports   |   |   |
| Security   | Port for Security Cable Lock  |   |   |
| <b>POWER</b>   |   |   |   |
| AC Input Voltage/ Frequency/ Current                                 | 100 to 240 VAC / 50Hz or 60Hz +/- 3Hz / 1.5A (Typical)                        |   |   |
| Power Consumption (Typical)  | 21W   | 22W   | 26W   |
| Standby Mode   | <0.5W   |   |   |
| <b>DIMENSION</b>   |   |   |   |
| Physical Dimension (HxWxD) (height with stand compressed - extended) | 315.4 mm - 435.4 mm x 481.4 mm x 171.9 mm<br>12.42" - 17.14" x 18.95" x 6.77" | 346.9 mm - 446.9 mm x 515.0 mm x 184.2 mm<br>13.66" - 17.59" x 20.28" x 7.25" | 364.5 mm - 464.5 mm x 548.8 mm x 184.2 mm<br>14.35" - 18.29" x 21.61" x 7.25" |
| <b>WEIGHT</b>  |   |   |   |
| Weight without stand (For VESA mount considerations)                 | 3.85 kg (8.47 lbs)  | 3.75 kg (8.25 lbs)  | 4.42 kg (9.72 lbs)  |
| Weight with stand assembly and cables                                | 5.85 kg (12.87 lbs)   | 5.72 kg (12.58 lbs)   | 6.27 kg (13.79 lbs)   |
| With Packaging   | 6.71 kg (14.76 lbs)   | 7.52 kg (16.54 lbs)   | 8.07 kg (17.75 lbs)   |

## SERVICE AND WARRANTY



- 3 Years Advanced Exchange Service<sup>4</sup> & Limited Hardware Warranty<sup>5</sup>
- Premium Panel Guarantee – 100% replacement of Professional series monitors sold with systems or as standalone units purchased direct from Dell, if any bright pixel is found, valid within the limited hardware warranty<sup>3</sup> period, standard or extended where applicable (replacement units may be refurbished)

<sup>1</sup> P2210H, P2210H, P2310H color gamut (typical) is based on CIE1976 (83%) and CIE1931 (72%) test standards

<sup>2</sup> Based on Dell P2210H / P2310H resolution of 1920x1080 compared to Dell 1908FP-BLK resolution of 1280x1024

<sup>3</sup> Based on Dell P2210H typical power consumption of 26W compared to Dell 2208WFP typical power consumption of 45W

<sup>4</sup> Advanced Exchange Service: Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply

<sup>5</sup> Limited Hardware Warranty: For a copy of the Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty).

