

Technical Specifications

HP V190 18.5-inch LED Backlit Monitor



1. Menu / OK
2. Information / Minus
3. Viewing Modes / Plus
4. Auto Adjustment / Exit
5. Power

NOTE: Buttons 2 to 4 can be assign different function by user.

NOTE: To view an OSD menu simulator, visit the HP Customer Self Repair Services Media Library at <http://www.hp.com/go/sml>.

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1. VGA connector
2. Power connector

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| Panel Specifications* | Display Size (Diagonal) | 18.5-in |
| | Display Panel Type | TN |
| | Native Resolution | 1366 x 768 @ 60 Hz |
| | Panel Bit Depth | 6bit+HiFRC |
| | Aspect Ratio | 16:9 |
| | Brightness – Typical | 200 cd/m ² |
| | Static Contrast Ratio - Typical | 600:1 |
| | Static Contrast Ratio - Minimum | 450:1 |
| | Dynamic Contrast Ratio (DCR) | 10M:1 |
| | NOTE: Dynamic Contrast Ratios during video playback only, depending on series of frames or time duration. | |
| | Flicker Free | Yes |
| | Pixel Pitch | 0.3 x 0.3 mm |
| | Pixels Per Inch (PPI) | 85 |
| | Backlight Lamp Life (to half brightness - in hours) | 30k hours minimum |
| | Anti-Glare Panel | Yes |
| | Response Time - Typical | 5ms (on/off) |
| | Horizontal Viewing Angle (typical CR>10) | 90° |
| | Vertical Viewing Angle (typical CR>10) | 65° |
| | Panel Active Area | 409.8 x 230.4 mm |
| | Preset Graphic Modes/Supported Resolutions | 640x480@60Hz 720x400@70Hz 800x600@60Hz 1024x768@60Hz 1280x720@60Hz 1280x800@60Hz 1280x1024@60Hz 1366x768@60Hz |
| | Maximum Resolution | 1366x768@60Hz |
| Recommended Resolution | 1366x768@60Hz | |
| Vertical Scan Range | 50 to 60 Hz | |
| Horizontal Scan Range | 30 to 70 KHz | |
| Default Color Temperature | Neutral (6500K) | |
| Maximum Pixel Clock Speed | 110 MHz | |
| *All performance specifications represent the typical specifications provided by HP's component Manufacturers' actual performance may vary either higher or lower. | | |
| Color Gamut Coverage | NTSC | 72% |
| | sRGB | 99% |
| Color Management | Default Color Temperature | Neutral (6500K) |
| | Low Blue Light Modes | Yes |
| Monitor Specifications | Exterior Color of Monitor Bezel and Stand | Black |
| | Plug & Play | Yes |
| | Tilt | Yes, -4 to +20 degree |
| | VESA Mounting | Yes, 100 mm |
| | Security Lock Ready | Yes |
| | NOTE: Lock is sold separately. | |
| | Detachable Base | Yes |
| Warranty | 3/3/3 China, Korea, India; 3/3/0 APJ; 3/0/0 LA | |

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| On Screen Display (OSD) | On Screen Display User Controls | Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit |
| | User Programmable Modes | Yes, 10 |
| | Monitor Control Buttons or Switches | Menu/OK Information/Minus Viewing Modes/Plus Auto adjustment/Exit Power |
| | User-Assignable Function Buttons | Yes, 3 (6 options) |
| | Languages | 10 (English, Spanish, German, French, Italian, Netherlands, Brazilian Portuguese, Japanese, T-Chinese and S-Chinese) |
| | VESA Mounting | Yes |
| | NOTE: Mounting hardware sold separately. | |
| Power & Operating Specs | Power Supply | Internal |
| | Power Source | 100 – 240 VAC 50/60 Hz |
| | Power Consumption - Maximum | 12W |
| | Energy Saving/Standby Mode | 0.5W |
| | Power Consumption - Typical | 10.5W |
| | Power cable length | 1.83 m |
| ENERGY STAR® Data | Operational Mode at 100 VAC | 10.4W |
| | Operational Mode at 115 VAC | 10.4W |
| | Operational Mode at 230 VAC | 10.4W |
| EU Energy Efficiency Class (EC1062) | Visible Screen Size | 18.5" / 46.99 cm Diagonal |
| Operating Conditions | Operating Temperature | 5° - 35°C 41° - 95°F |
| | Non-operating Temperature | -34° -60°C 29° - 140°F |
| | Operating Humidity | 20% - 80% (non-condensing) |
| | Non-operating Humidity | 5% - 95% |
| | Operating Altitude | 0 - 5,000 m (16,400 ft.) |
| | Non-operating Altitude | 0 - 12.192 m (40,000 ft.) |
| Environmental Features and Certifications | Mercury-free LED display backlights | Yes, Mercury-free LED backlights |
| | Arsenic-Free Display Glass | Yes |
| | Agency Approvals and Certifications | CB, CCC, CEL, CECP, SEPA, WEEE, KC, KCC, PSB, ISC, VCCI, BSMI, Vietnam MEPS, ANZ MEPS, UL/CSA, FCC/ICES, S-Mark, E-Standby, EPA 7.0, Low blue light |
| | ENERGY STAR® Certified | Yes, ENERGY STAR® 7 |
| | EPEAT® Registered | EPEAT® Gold |
| | NOTE: EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at http://www.hp.com/g/options | |
| | China Energy Label | Grade 2 |
| Unit Product/Package Specifications | Product Dimensions (Unpacked with stand) | |
| | Metric (W x D x H) | 43.91 x 22.3x 34.52 cm |
| | Imperial (W x D x H) | 17.29 x 8.78 x 13.59 in |

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| | Display Head Dimensions (Unpacked without stand) | |
| | Metric (W x D x H) | 43.91 x 4.54x27.18 cm |
| | Imperial (W x D x H) | 17.29 x 1.79 x 10.70 in |
| | Base Dimensions (Unpacked) | |
| | Metric (W x D mm) | 232 x 223mm |
| | Imperial (W x D inch) | 9.13 x 8.78 in |
| | Product Dimensions (Packed) | |
| | Metric (w x d x h cm) | 50.1 x 16.9 x 33.3 cm |
| | Imperial (w x d x h in) | 19.72 x 6.65 x 13.11 in |
| | Product Weight (Unpacked with stand) | |
| | Metric | 2.4 kg |
| | Imperial | 5.29 lb |
| | Product Weight (Packed) | |
| | Metric | 3.4 kg |
| | Imperial | 7.50 lb |
| | Product Weight (Head Only) | |
| | Metric | 1.9 kg |
| | Imperial | 4.19 lb |
| Pallet Information | Pallet Dimensions (L x W x H mm) | 1032x1032x120 mm |
| | Pallet Dimensions (L x W x H inch) | 40.63 x 40.63 x 4.72 in |
| | Pallet Total Weight (including units) kg | 244.8 kg |
| | Pallet Total Weight (including units) lbs | 539.69 lbs |
| | Pallet Layers | 6 layers |
| | Pallet Product per Layer | 12 units |
| | Total Products per Pallet | 72 |
| | Container Load, 20-Foot | 720 |
| | Container Load, 40-Foot | 1584 |
| | Container Load, 40-Foot HighQ | 1848 |
| Accessories Included | What's in the box? | AC power cord (1.83m) 6.0 ft VGA cable (1.8m) 5.9 ft Documentation (Warranty card, Product notice, QSP) |
| Other | User Guide Languages | English, S. Chinese, T. Chinese, Korean, Japanese, Bahasa Indonesia, French, Spanish and Brazilian Portuguese |
| | Warranty Languages | English, S. Chinese, T. Chinese, Korean, Japanese, Bahasa Indonesia, Spanish and Brazilian Portuguese |

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