# BenQ Digital Projector Specifications
## W20000

## HIGHLIGHTS

- *Full HD Native 1080P Resolution*
- *BenQ Senseye $^{TM}$ Technology*
- *HQV™ (Hollywood Quality Video)*
- *BrilliantColor $^{TM}$*
- *Vidi*
- *DynamicBlack $^{TM}$*
- *Motorized IRIS Adjustment*
- *Dual HDMI input*
- *True pixel-by-pixel Processing*
- *Motion Adaptive De-interlacing*
- *Multi-Dimensional Diagonal Filtering*
- *Random/ Mosquito/ Block Noise Reduction*
- *Independent Color Management*
- *ISF Certified Calibration Control*
- *Panamorph Lens Compatible*
- *High Resolution Projection Lens*
- *Superior Noise Level: 25 dB(Eco)*
- *Dust Proof with Air-Filter*
- *Powered Vertical Lens shift*

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|---|---|
| **Native Resolution** | 1080p (1920 x 1080) |
| **Projection System** | DLP™ |
| **Brightness** | 1200 ANSI lumens |
| **Lamp** | 200W, 2000/3000 hours (Normal/Economic mode) |
| **Contrast Ratio (FOFO)** | 20000:1 |
| **Weight** | 9.6Kg(21 lbs) |
| **Noise Level** | 28/25 dB (Normal/Economic mode) |
| **Resolution Support** | 480p, 720p, 1080i, 1080p |
| **Dimension (WxHxD)** | 19.4 x 7.7 x 15.5 inches |
| **Image Size** | 35" to 300" |
| **Throw Ratio** | 100"@4m |
| **Throw Distance** | Min: 2.00m; Max: 8.00m |
| **Zoom Ratio** | 1.2: 1 |
| **Lens** | F=2.4-2.7 f=38.9 mm (wide) – 46.6 mm (tele) |
| **Color** | Full 1.07 billion color palette |
| **Aspect Ratio** | Anamorphic/ 4:3/ Wide/ Letter Box/ Real screen selectable |
| **Horizontal Frequency** | 15-75 KHz |
| **Vertical Scan Rate** | 50-85 Hz |
| **Projection Position** | Front/Rear, Table/Ceiling |
| **Input Terminals** | Analog RGB :BNC x 5 (shared) Digital: HDMI (with HDCP)x 2 Composite Video: RCA x 1 S-Video: Mini DIN 4 pin x 1 Component Video 1: RCA x 3 Component Video 2: BNC x 3 (shared) |
| **Output Terminals** | 12V Out x 1 |
| **Control Terminals** | RS232: 8 pin MINI DIN x 1 |
| **Video Compatibility** | NTSC/PAL/SECAM |
| **Auto Switching Power Supply** | 100 to 240 VAC, 50 to 60 Hz |
| **Power Consumption** | Max 340W |
| **On-Screen Display Language** | English/French/German/Italian/Spanish/Japanese/Russian/Dutch/ Simplified Chinese/Traditional Chinese |
| **Preset Modes/ Application Modes** | Cinema/ Dynamic/ Standard/ User 1/ User 2/ User 3 |

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|---|---|---|
| **Functions** | Full HD 1080p Resolution BenQ Senseye™ technology DynamicBlack™ Hollywood Quality Video Powered Vertical Lens Shift Motorized IRIS adjustment Dust Proof with Air-Filter | Pixel-by-pixel processing Motion-adaptive de-interlacing Noise Reduction Independent Control ISFccc Panamorph Compatible |
| **Accessories (Standard)** | User Manual Safety Manual Remote Control/ Batteries | Micro Dust Filter Power Cords Component Cable |
| **Accessories (Optional)** | Ceiling Mounting Kit, Spare Lamp Kit Micro Dust Filter | |