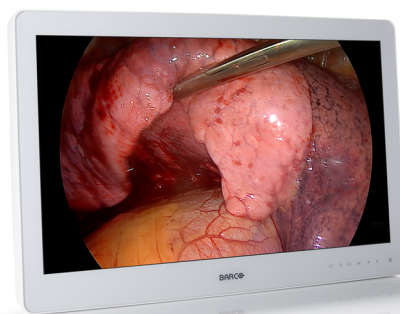
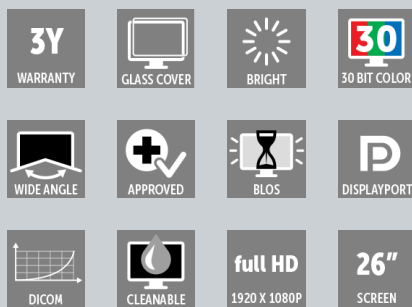


MDSC-2326 High Bright

Full HD high-bright surgical display



- For the best hand-eye coordination
- Allows for easy cleaning and disinfection
- Works with Nexxis for video-over-IP integration

Barco's MDSC-2326 High Bright is a 26-inch, near-patient surgical display with LED backlight. In addition to the renowned image quality performance of MDSC-2226, the new model offers very high brightness for improved visualization under all ambient conditions. The new scratch-resistant, high quality optical glass offers durable protection throughout the display's lifetime.

Ease of mind

Calibrated, artifact-free images

The display's high brightness, high contrast and calibrated colors provide surgeons with excellent depth perception and the most accurate images from FHD endoscopy camera systems.

Multi-source, multi-display imaging

With its broad input connectivity, the MDSC-2326 offers flexible multi-modality imaging (PiP & PaP) in new integrated operating rooms. Featuring an integrated Barco Nexxis decoder (optional) it offers the most convenient visualization solution for uncompressed video-over-IP without delay.

Safety, stability and redundancy

Thanks to its high-bright LED backlight with light output stabilization, the display ensures lifetime-long performances and image consistency. It also offers a unique, automated failover feature so a backup signal is always available to ensure safe surgery

Ease of installation

The MDSC-2326 comes with a smart cable management system that hides the



cables for a clutter-free set-up. Its lightweight design allows easy mounting on surgical booms and spring arms.

Ease of use

Barco's MDSC-2326 allows for easy cleaning and disinfection thanks to its smooth surface, splash-proof housing (front protection level IP45). It comes with a highly durable, scratch-resistant front glass featuring excellent optical performance.

Barco's MDSC-2326 features:

- 26" wide-screen LCD
- Full HD resolution (1,920 x 1,080)
- High-bright LED backlight with output stabilization
- Wide viewing angle thanks to IPS-Pro LCD technology
- Artifact-free images
- Calibrated, consistent colors and grayscales
- Easy-clean design with sealed front (IP45)
- Smart cable management system

PRODUCT SPECIFICATIONS**MDSC-2326 HIGH BRIGHT**

| | |
|-------------------------------|---|
| Screen technology | TFT AM LCD / IPS-PRO technology / LED backlight |
| Active screen size (diagonal) | 661 mm (26") |
| Active screen size (H x V) | 576 x 324 mm (22.7" x 12.8") |
| Aspect ratio | 16:9 |
| Resolution | 2MP (1920 x 1080) |
| Pixel pitch | 0.3 mm |
| Color support | 1,073 million (10 bit) |
| Viewing angle | 178° Hor / 178° Ver |
| Maximum luminance | Max: 900 cd/m ² (typ.) @6500K : 600 cd/m ² stabilized(typ.) X-ray setting: 750 cd/m ² stabilized(typ.) |
| Contrast ratio | 1400:1 (Typ.) |
| Response time | T on + T off = 18 msec (typ.) |
| White point | Calibrated: 5600K, 6500K, 7600K, 9300K |
| Gamma curve | Native, 1.8, 2.0, 2.2, 2.4, DICOM |
| Front protection screen | 2-side, scratch-resistant AR alkali-aluminosilicate glass |
| Keyboard | Capacitive 7-key touch Keyboard |
| Video inputs | MDSC-2326 DDIH DVI-I (Digital & Analog – HDMI support) DVI-D 2x 3G-SDI(2x BNC) DisplayPort 1.1a Component Video RGBS / YPbPr (4xBNC) S-video (4-pin Mini DIN) Composite video / SOG (1xBNC) MDSC-2326 MNAH Same as MDSC-2326 DDIH + 1x Fiber Optic SFP+ (for uncompressed video over IP) |
| Video outputs | DVI-D (output selectable from DVI-1, DVI-2, Nexxis) S-video (4-pin Mini DIN) Composite video (1x BNC) 2x 3G-SDI (2x BNC) |
| Features | Picture-in-Picture, Failover mode |
| Remote control | RS-232 (D-sub 9-pin) |

PRODUCT SPECIFICATIONS**MDSC-2326 HIGH BRIGHT**

| | |
|---|--|
| Power requirements (nominal) | MDSC-2326 DDIH: 85W / 24V \pm 10% MDSC-2326 MNAH: 110W / 24V \pm 10% |
| External power supply | AC input: 100 – 240 VAC / 47-63 Hz auto-switch DC output: +24 VDC / 6 A |
| Dimensions w/o stand (W x H x D) | 640 x 419 x 87 mm (25.2 x 16.5 x 3.4") |
| Net weight w/o stand | 9.4 kg / 20.7 lbs (MDSC-2326 DDIH) 9.8 kg / 21.6 lbs (MDSC-2326 MNAH) |
| Net weight packaged w/o stand | 12.5 Kg / 27.6 lbs (MDSC-2326 DDIH) 12.9 Kg / 28.4 lbs (MDSC-2326 MNAH) |
| Mounting standard | 100 x 100 mm VESA |
| Temperature | Operating: 0° -35° C Storage: -20° -50° C |
| Humidity | Operating: 10% – 85% R.H. Storage: 5% – 85% R.H. |
| Regulation Compliance | IEC60601 3rd Edition Approvals/Marking: CE, C-UL-US, DEMKO, CCC, INMETRO, EAC Safety (Medical equipment): IEC60601-1, UL60601-1, CAN/CSA C22.2 No. 60601-1-08 Electromagnetic compatibility: EMC Medical EMC standards: IEC60601-1-2, EN55011 /CISPR 11, FCC CFR47 part 15 & 18/Class B (MDSC-2326 DDI), Class A (MDSC-2326 MNA) Green requirements: ROHS2, REACH, WEEE compliant |
| Protection rating | IP21 (IP45 front side) |
| Warranty | 3 years |
| Green compliance | ROHS-2, REACH, WEEE |

Last updated: 17 Sep 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.