



**GVISION Medical Desktop Monitor**

# MA19BH

**19" Medical Desktop Monitor  
with Optional Touchscreen**



The MA19BH is a GVision's 19" medical monitor for hospital application. Designed for medical use, GVISION monitors with optional touchscreen can be easily integrated into a multitude of solutions; healthcare applications such as nursing stations, computer-aided therapy, electronic medical record keeping, paperless charting, patient self-check-in / registration or point-of-information installations. GVISION medical monitors are fully certified with UL 60601. Touch technology can be customized for your projects.



- Customizable video inputs
- UL 60601 certified

For more information please contact

**1-888-651-9688 | [www.GVISION-USA.com](http://www.GVISION-USA.com)**

Where Versatility Meets Flexibility



| PARAMETER                        |             | SPECIFICATION                                                   |
|----------------------------------|-------------|-----------------------------------------------------------------|
| LCD Display                      |             | 19" TFT active matrix panel                                     |
| Pixel Pitch                      |             | 0.294 (H) x 0.294 (V) mm                                        |
| Max. Resolution                  |             | SXGA 1280 x 1024                                                |
| Contrast Ratio                   |             | 1000:1 (Typ.) <small>w/o sensor or glass</small>                |
| Brightness                       |             | 400 cd/m <sup>2</sup> (Typ.) <small>w/o sensor or glass</small> |
| Response Time (Tr+Tf)            |             | 5 ms (Typ.)                                                     |
| Display Color                    |             | 16.7M                                                           |
| Effective Display Area           |             | 376.4 (H) x 301.1 (V) mm                                        |
| Viewing Angle (CR≥10)            |             | 170°(H) x 160°(V) (Typ.) <small>w/o sensor or glass</small>     |
| Lamp Life (hr) / Backlight       |             | 50,000 (Typ.) / CCFL                                            |
| Stand Base                       |             | Tilt down : -5°, Tilt up : +90°                                 |
| Input Signals                    |             | Analog, Digital                                                 |
| Signal Connector                 | Analog      | D-Sub15 pin (VGA)                                               |
|                                  | Digital     | DVI-D                                                           |
| Scan Frequency                   |             | 60 ~ 75 Hz                                                      |
| Audio System                     |             | 1W per channel                                                  |
| Touch Panel                      |             | 5-wire Resistive                                                |
| Touch Interface                  |             | RS-232 or USB A type                                            |
| Power                            |             | Universal 100 ~ 240V, 50 ~ 60 Hz<br>1.5A AC input               |
| Operating                        | Temperature | 0°C ~ 40°C (32°F ~ 104°F)                                       |
|                                  | Humidity    | 10% ~ 90% (no condensation)                                     |
|                                  | Altitude    | To 10,000 feet                                                  |
| Storage                          | Temperature | -20°C ~ 60°C (-4°F ~ 140°F)                                     |
|                                  | Humidity    | 10% ~ 90% (no condensation)                                     |
| Dimensions (WxHxD)               |             | 438.0 x 417.5 x 180.0 mm                                        |
| Carton Dimensions (WxHxD)        |             | 530.0 x 500.0 x 230.0 mm                                        |
| Weight (Net)                     |             | 8 kg                                                            |
| Certification                    |             | FCC<br>UL60601<br>RoHS / WEEE                                   |
| Standard Pallet Loading (by sea) |             | 40 units (1070 [L] x 880 [W] x 1960 [H] mm)                     |
| Standard Pallet Loading (by air) |             | 30 units (1070 [L] x 880 [W] x 1500 [H] mm)                     |

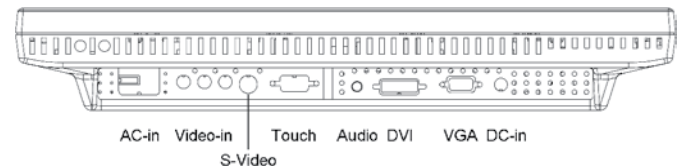
### FEATURES

- High contrast color TFT LCD display supports resolution up to 1280 x 1024
- Compatible with VGA, IBM and VESA signal standards (resolution/timing auto-detected)
- Compatible with non-standard signals (on request)
- Supports DDC 1/2B for Plug & Play compatibility
- Advanced OSD control for picture quality adjustment
- VESA standard mounting
- RoHS Compliance

### OPTIONS

- Anti-Glare / Anti-Reflective tempered glass
- Sunlight Readable
- IP54 waterproof & dustproof sealed front bezel
- Touch sensor technologies: resistive, surface capacitive
- Video Signal input
  - Signal Connector: RCA / S-Video
  - NTSC / PAL / SECAM video

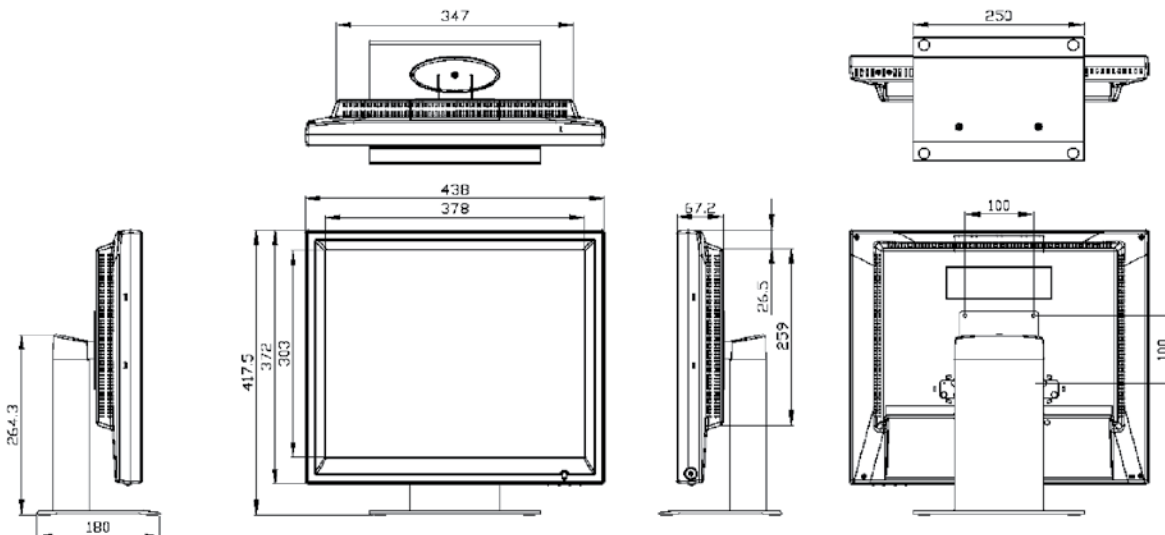
### I / O PORT



\* Specifications are subject to change without notice.

### MECHANICAL DRAWING

Unit : mm



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