

BayPanel 717

Industrial 17.0"Monitor



- Industrial Data / Video Monitor
- 17.0" color TFT Flat Panel
- 1280 x 1024 pixels
- Analog RGB interface
- CVBS and S-Video inputs as option
- Full-resolution NTSC/PAL

The BayPanel monitors were designed for the high demands of rough industrial environments.

These special long life monitors are optimally protected by antireflective, antistatic and extremely robust mineral glass screens available in various versions, optional acid-resistant touch screen can also be ordered.

Selection matrix and special frequencies

The BayPanel monitors are currently available in 8.4" through 22" versions. Thanks to the large selection matrix, every customer can be provided with a monitor which matches their specific requirements. Special frequencies from old machine control systems can also be configured upon request.

A long service life and being service and maintenance free are particularly important criteria for components used in fast-paced fields such as the pharmaceutical and food industries, and can be ensured by using BayPanel monitors.

Our other product families for industrial and harsh environmental applications

BQC

Stand-alone Monitors for Tripod Mounting

Rugged Panel PCs for Tripod Mounting

BQR

Rugged Data/Video Monitors for Defense & Naval Applications

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BayPanel 717 Specification

DISPLAY 432 mm (17.0") SXGA data and video flat panel display Active area: 337.9 mm (H) x 270.3 mm (V), Aspect ratio: 5:4 (H:V) Technology: a-Si TFT, active matrix Color resolution: 16.7 million simultaneous colors, 256 gray values Screen resolution: 1280 (H) x 1024 (V) pixels Pixels arrangement: RGB (Red dot, Green dot, Blue dot) vertical stripe Dot pitch: 0.099 mm (H) x 0.297 mm (V), Pixel pitch: 0.264 mm (H) x 0.264 mm (V) Typical viewing angle: CR >= 10 : 1, Horizontal: ±170° / Vertical: ±160° Response time: Ton + Toff (10% - 90% -10%) typical 5 ms Brightness: typical 350 cd/m2, Contrast rate: typical 1000:1 <u>SIGNALINPUTS</u> BayView AVD5 DVI, analog RGB and Video to 24-bit LVDS converter card Analog RGB input: 162.5 MHz bandwidth, up to 100 KHz H-frequency, up to 200 Hz V-frequency (UXGA 60Hz), H-Sync. (+/-), V-Sync. (+/-), Composite-Sync. on G(reen) and H-Sync. Standard CVBS (Composite) and S-Video (Y/C) video inputs as option NTSC-M/N/4.43, PAL-M/N/B/G/H/I/D/K/L video formats with auto-decoding function Picture position, phase and size recognition with automatic self-adjustment capabilities (auto-phase / auto-tracking) Auto-scaling to maximum flat panel resolution (VGA, SVGA, XGA, UXGA, NTSC, PAL up-/down-scaling to 1280x1024 pixels) On-Screen-Display (OSD) for user specific adjustments, like: intensity, contrast, etc. The setup parameters are saved in non-volatile memory, Gamma correction tables for R, G and B High performance de-interlacer to minimize interlace to non-interlace movement artifacts 26-pin DVI-D Molex socket connector as DVI interface DB15 connector (HD DSUB) for analog RGB input (analog VGA standard connector) 3x BNC connectors configurable as: 3x CVBS, or 1x S-Video + 1x CVBS as option DB9 connector (DSUB) for Remote Control functions: Remote-OSD and Firmware updates using the RS232 port FRONT&CHASSIS Rear or front side (-K) placed OSD keypad Milled aluminum 19" (7HU) front plate (10 mm thick) with M6 mounting holes, finish: black RAL 9005 3 mm anti-reflection mineral glass pane or 3 mm Touch Screen sensor pane Robust aluminum chassis (1.5 mm thick) with 12x M4 threads for wall and machine attachments, including standard VESA 100 mounting, mechanically protected connection area Euro line connector with integrated power On/Off switch and line filter AC line input: 85 to 264 VAC 50/60 Hz (integrated universal power supply) Dimensions (max.): 483 (w) x 310.3 (h) x 85 (d) [mm], weight: ~ 7 kg **CERTIFICATIONS** Conformities: IP20 (IP65 front plate / IP20 chassis), EN55011 Class A, FCC Class A, EN50081-1, EN50082-2, EN61000-4, UL1950 / EN60950 AM1, AM2, AM3

<u>O P T I O N S</u>

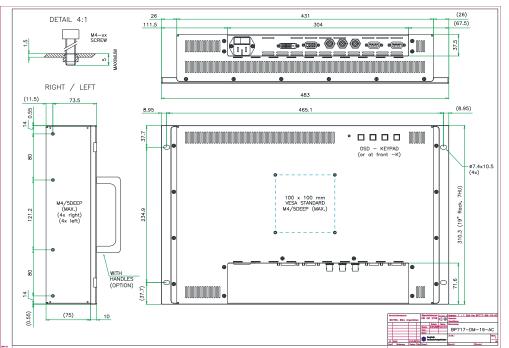
Analog resistive touch screen sensor pane + touch screen controller with RS-232 interface (-T variant)

DC-Power input: DC-DC Converter Box with 12 VDC (10 to 16 VDC), 24 VDC (18 to 36 VDC) or 48 VDC (36 to 72 VDC) input and 12 VDC output voltage (-DC12, -DC24 or -DC48)

Décor aluminum front plate, silver finish (-DE) Front bezel handles set

Décor stainless steel front plate (-V2A)

OSD Keypad at front (-K)



Version 1.0. - 05/07/2016

All specifications are subject to change without prior notice