

IPC-15

For easy control in tough environments

Designed for HMI (Human Machine Interface)

Designed to run HMI applications in rough conditions, IPC-15 is the ideal solution for a wide range of uses. IPC-15 is developed with focus on user-friendliness and high functionality, as all other products from Beijer Electronics.

Smooth design for industrial environments

With a watertight front panel and a robust construction that complies with EMC standards, IPC-15 is the ideal choice for environments not suitable for an ordinary PC. The attractive design allows frequent washing and the slim depth makes it perfect for flush mounting.

High performance

IPC-15 is a durable industrial PC designed to withstand the harsh conditions of industrial environments. Although robust, the performance meets and exceeds the system requirements of HMI systems and SCADA.

Touch screen for easy control

The application running on IPC-15 is easily controlled via the resistive touch screen. The background lit TFT-display has a resolution of 1024x768 pixels and can display 16 million colors, which gives IPC-15 a strikingly sharp image.

Flexible communication

The PC has communication ports for serial connection of external units such as controllers and other types of automation equipment. USB and Ethernet ports ensure various connection possibilities.

More information about IPC-15, CEZAR and other products from Beijer Electronics is available at

www.beijerelectronics.com

PC-based HMI system

IPC-15 is well suited for controlling and monitoring machines and processes. CEZAR, a PC-based HMI system from Beijer Electronics is excellent for this purpose. CEZAR can be delivered pre-installed on an IPC-15.



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CEZAR

IPC-15

Standards and specifications



| | | |
|----------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERFORMANCE | Processor | 1.2 GHz |
| | Operating system | Windows XP Professional with Multilingual User Interface, i.e. English as standard, CDs with 23 other languages are included in the delivery |
| | Hard drive | ≥20 GB |
| | Primary memory | 256 MB SDRAM, can be exchanged to a 512 MB memory card |
| | Memory specification | 168-pin, DIMM, PC133, SDRAM |
| HARDWARE | Weight, excluding cables | 6.1 kg |
| | Installation depth | 97 mm, excluding PCI card, PC104 cards and contacts |
| | Front panel, W x H x D | 385 x 310 x 5 mm |
| | Cutout, W x H | 354 x 280 ±2 mm |
| | Front panel material | Aluminum and polyester |
| | Rear casing material | Alu-zink |
| | Fans | MTBF ≥ 50,000 h |
| | Supply voltage | 100 - 240 V AC, 50/60 Hz |
| | Power consumption at rated voltage | 0.5 A - 1.5 A |
| | Fuse | T3, 15 A |
| | Ambient temperature | 0 - +50 °C |
| | Storage temperature | -20 - +65 °C |
| | Air humidity | Max 85 % RH, non condensed |
| DISPLAY | Display | Back-lit TFT, 15" touch display, 1024 x 768 pixels |
| | Active display area | 304.1 x 228.1 mm |
| COMMUNICATION | Serial ports | 1 RS422 port and 2 RS232C ports |
| | Parallel port | Printer port |
| | Ethernet port | 10/100 Mbit |
| | USB ports | 2 |
| | Audio ports | Speaker and Line in |
| | Expansion slots | 2 for PC104 cards and 1 for PCI card |
| STANDARDS AND TECHNICAL SPECIFICATIONS | EMC | The PC conforms with the essential protection requirements in article 4 of the directive 89/336/EEC. Noise tested according to EN 61000-6-4 emission and EN 61000-6-2 immunity. |
| | LVD | EN60950 |
| | Casing protection class, front panel | IP65, NEMA4 |
| | Casing protection class, rear | IP20 |