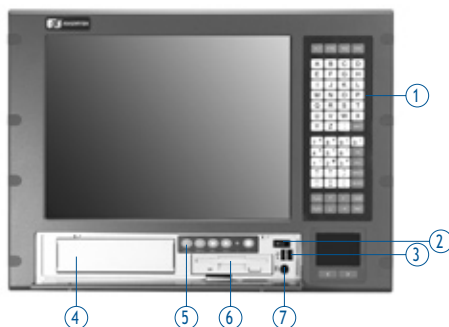


# ICS-415V

## 15" Industrial LCD Workstation with 8 PCI/ISA Slots



Built-in 24 function keys and 66 membrane keypads

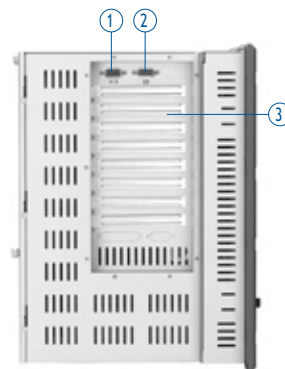


Front accessible CD-ROM/FDD/USB/PS2/OSD

1. Membrane keypads
2. Power switch
3. USB 2.0
4. 5.25" CD-ROM
5. OSD
6. 3.5" drive bay
7. PS/2 K/B

## Features

- 15" TFT LCD workstation supports full/half-size CPU card & 8 PCI/ISA slots
- Front accessible CD-ROM/FDD/USB/PS2/OSD
- Built-in touch pad, 24 function keys and 60 membrane keypads
- Cost-effective: supports 3.5" HDD/FDD & 5.25" CD-ROM
- Easily expandable: VGA interface
- Friendly I/O port: reserves parallel and COM port on chassis
- Anti-vibration design for HDD



Side view

1. T/S
2. VGA
3. PCI/ISA x 8

## Introduction

The ICS-415V is a multi-functional 15" TFT LCD workstation. It supports full-size CPU cards and 8 PCI/ISA slots. The ICS-415V also provides a front-access design for CD-ROM/FDD/USB/PS2 to allow easy maintenance. The ICS-415V is a cost-effective workstation that meets the operational needs of harsh environments, such as measurement control, industrial machinery, oil pipe, and more.

### Ease-of-Maintenance: Front access design for CD-ROM/FDD/USB/PS2/OSD

Users can easily maintain, control, adjust display position, and upgrade software with this front access design. When the front I/O ports are not in use, the ICS-415V becomes a IP65 compliant workstation with a water-proof front panel.

### Easy-to-control: Touchpad and membrane keypad

The ICS-415V provides 24 function keys and 60 membrane keys, which are easily used to set-up the overall system. The ICS-415V also features a water-proof touchscreen and touchpad.

### Easy-to-backup: 2 x 3.5" HDD

The ICS-415V supports two 3.5" HDD to let users backup data easily.

## Specifications

|                    |  |                           |  |  |  |
|--------------------|--|---------------------------|--|--|--|
| Front Bezel        | IP65, NEMA 4/12 rugged protection  | System Board              | PICMG 1.0 Interface                          | SBC81206VG   |  |
| Construction       | Heavy-duty steel   | Selections                | PICMG 1.3 Interface                          | SHB100VGGGA  |  |
| Flat Panel Display | Display Type   | 15" TFT LCD active matrix | LCD Interface                                | VGA  |  |
|                    | Resolution   | 1024 x 768                | Touchscreen                                  | Type   | Resistive  |
|                    | Brightness (cd/m <sup>2</sup> )  | 260 nits                  |  | Light Transmission   | 79%  |
|                    | Contrast Ratio   | 150:1                     | Controller                                   | RS-232 interface   |  |
|                    | Viewing Angle (H/V)  | 120° /90°                 | Point Activation                             | 1 million activations (typical) at a single point            |  |
|                    | Backlight MTBF   | 25,000 hours              | Dimensions                                   | 482.8 mm (19") (W) x 256 mm (10.1") (D) x 354.8 mm (14") (H) |  |
| Drive Capacity     | Exposed 1 x 5.25" and 1 x 3.5" drive bay, internal 1 x 3.5" drive bay              | Weight (net/gross)        | 20.33 kg (44.82 lb)/21.83 kg (48.14 lb)      | Environment  | Operating temperature: 0° C ~ +50° C (32° F ~ 122° F)<br>Relative humidity: 10 ~ 95% @ 40° C, non-condensing<br>Operation vibration: 1.0 G, 5 ~ 500 Hz, random |
| Data Entry         | Sealed membrane programmable keypads<br>- 60 data-entry keys<br>- 24 function keys | Front Panel I/O           | Two USB, one keyboard port, one power switch |  |  |

## Ordering Information

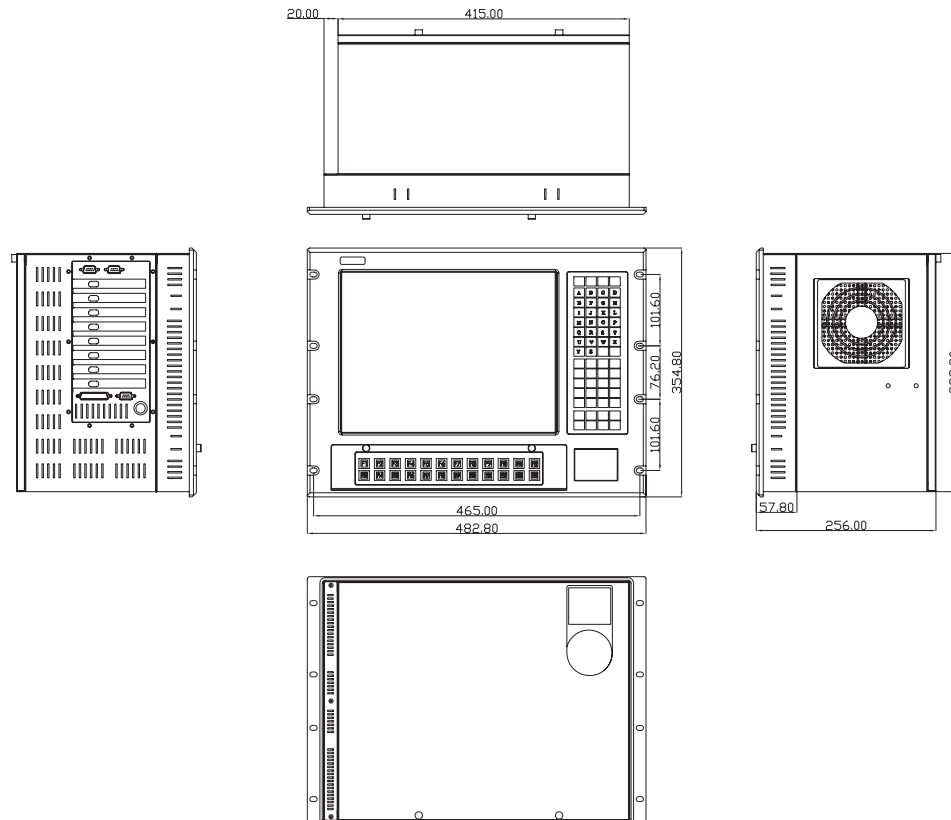
|            |  |
|------------|--|
| ICS-415V-R | 15" industrial LCD workstation w/ resistive touch screen |
| ICS-415V-G | 15" industrial LCD workstation w/ tempered glass         |

\*Specifications and certifications are based on options and may vary.

## Power Supply Options

| Items     | Watt           | Specifications  |   |               |
|-----------|----------------|---|---|---------------|
|           |                | Input   | Output  | MTBF          |
| PS300-XP2 | ATX 300W (PFC) | Slide Switch<br>(115V <sub>AC</sub> /230V <sub>AC</sub> ) | +5V @ 30/21.5A<br>+12V @ 15A<br>-12V @ 0.8A<br>+3.3V @ 15/28A<br>+5V <sub>SB</sub> @ 2A<br>-5V @ 0.3A | 100,000 hours |
| PS400-XP2 | ATX 400W (PFC) | AC 90V-264V (Auto)  | +5V @ 20A<br>+12V1 @ 16A<br>+12V2 @ 16A<br>-12V @ 0.5A<br>+3.3V @ 20A<br>+5V <sub>SB</sub> @ 2.5A     | 100,000 hours |

## Dimensions



## Backplane Options

### PICMG 1.0

| Model        | Slots per Segment (ISA/PCI/CPU) | Segment |
|--------------|---------------------------------|---------|
| ATX6022/8GP7 | 0/7/1                           | Single  |
| ATX6022/8    | 3/4/1                           | Single  |

### PICMG 1.3

| Model  | Slots per Segment (ISA/PCI/PCIe/CPU) | Segment |
|--------|--------------------------------------|---------|
| FAB208 | 0/6/1/1                              | Single  |

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