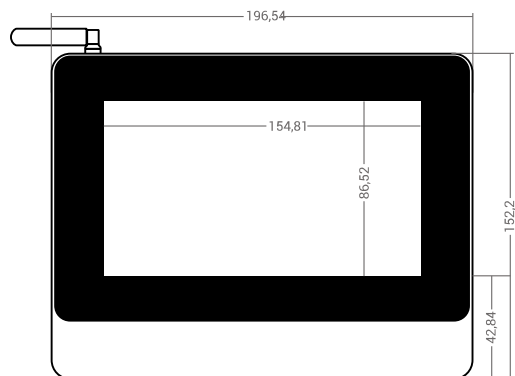


iSMA-D-PA7C-B1



| SPECIFICATION | |
|---------------------------|--|
| Power supply | 110-240 V AC, 50/60 Hz |
| Panel power input | 12 V DC |
| Power supply adapter | EU, UK, or US |
| Interface | IP, RS232, TF/SD Card, 1* USB OTG (mini USB), 2* USB 2.0, HDMI, RJ45, Audio output |
| Operating system | Android 6.0 |
| Display | 7", 10-point capacitive screen |
| Aspect ratio | 16:9 |
| Resolution | 1024x600 |
| Ingress protection rating | IP65 - for front panel |
| Temperature | Operating: 0°C to +50°C (32°F to 122°F) Storage -20°C to +70°C (-4°F to 158°F) |
| Operating humidity | 20 to 85% RH |
| Dimensions | 196.54x152.2x38.9 mm (7.738x5.992x1.532 in) |
| Response time | 6.5 ms |
| Housing material | Aluminum alloy enclosure, color black, Bezel thickness 10 mm (0.394 in) |

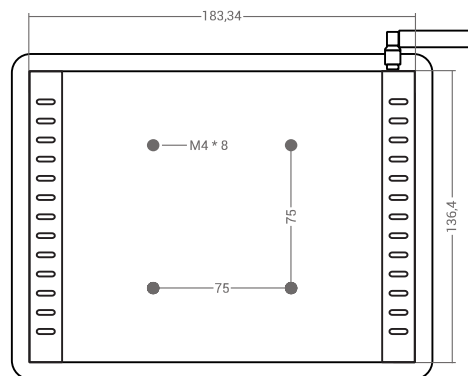
DIMENSION



FRONT

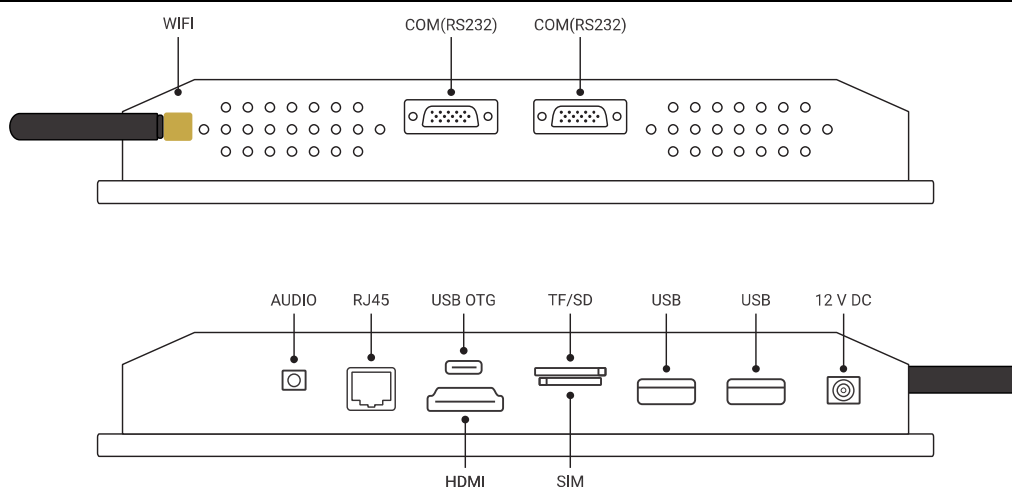


SIDE

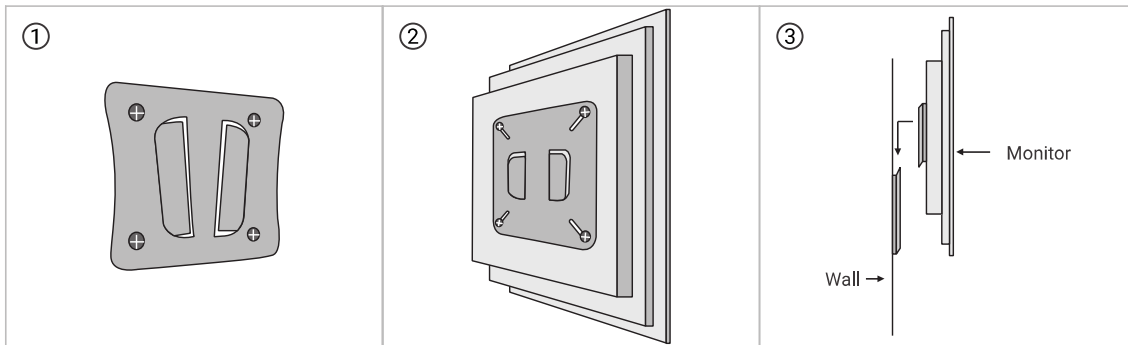


REAR

INTERFACE



WALL-MOUNT INSTALLATION

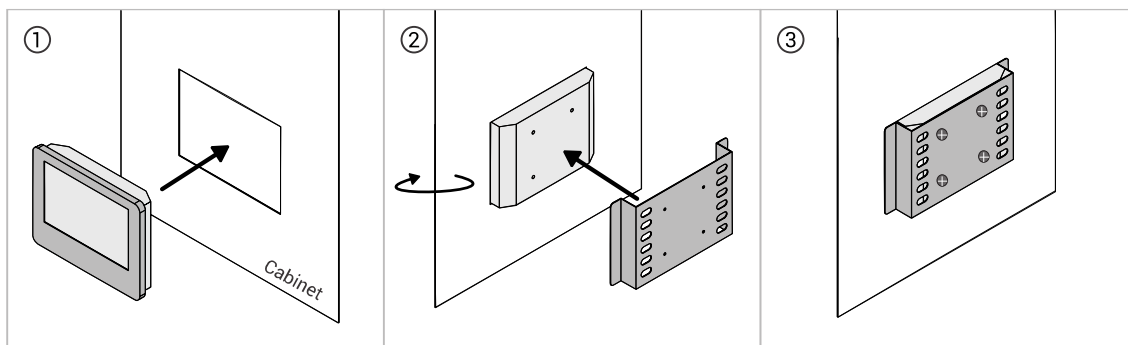


① A bracket installed on the wall

② B bracket installed on the rear side of the monitor

③ Insert the B bracket into the A bracket to finish the installation

CABINET-MOUNT INSTALLATION



① Insert the monitor into the 184 x 137 mm (7.3 x 5.4 in) opening in the cabinet

② Put the mounting frame to the rear side of the monitor

③ Tighten the bolts to finish the installation

⚠ WARNING ⚠

- Before wiring, or removing/mounting the product, be sure to turn the power OFF. Failure to do so might cause an electric shock.
- Do not touch electrically charged parts such as the power terminals. Doing so might cause an electric shock.
- Do not disassemble the product. Doing so might cause an electric shock or faulty operation.
- Use the product within the operating ranges recommended in the specification (temperature, humidity, voltage, shock, mounting direction, atmosphere, etc.). Failure to do so might cause a fire or faulty operation.
- Do not place the monitor on an unstable surface.
- Do not expose the monitor directly to sunlight or other heat sources.
- Unplug the power cable during a thunderstorm.
- Do not entwine or step on the power cord.
- Do not overload the wall socket.
- Clean the monitor with a dry, soft, lint free fabric.
- Do not expose the device to inappropriate temperatures, solvents, acid, water, or moisture.
- Avoid fragmentation or any other physical damage to the product or its components (such as enclosure, LCD/LED panel, port, circuits, etc.) that may be caused by insects or animals and may in effect lead to a resulting damage such as corrosion or moisture contamination.
- Do not install, repair, add, or alter the product by an unauthorized agent or person.
- Install the device under the guidance of the professional in a proper manner - wall-mounted or hanging from the ceiling.
- Unplug the power cable if the monitor is not used for a long time.
- Before powering the device, make sure the power supply voltage meets the device requirements.



Please read the instruction before use or operating the device. In case of any questions after reading this document, please contact the iSMA CONTROLLI Support Team (support@ismacontrolli.com).



- Before wiring or removing/mounting the product, make sure to turn the power off. Failure to do so might cause an electric shock.
- Improper wiring of the product can damage it and lead to other hazards. Make sure that the product has been correctly wired before turning the power on.
- Do not touch electrically charged parts such as power terminals. Doing so might cause an electric shock.

• Do not disassemble the product. Doing so might cause an electric shock or faulty operation.



- Use the product only within the operating ranges recommended in the specification (temperature, humidity, voltage, shock, mounting direction, atmosphere, etc.). Failure to do so might cause a fire or faulty operation.

- Firmly tighten the wires to the terminal. Failure to do so might cause a fire.

- Avoid installing the product in close proximity to high-power electrical devices and cables, inductive loads, and switching devices. Proximity of such objects may cause an uncontrolled interference, resulting in an instable operation of the product.
- Proper arrangement of the power and signal cabling affects the operation of the entire control system. Avoid laying the power and signal wiring in parallel cable trays. It can cause interferences in monitored and control signals.
- It is recommended to power controllers/modules with AC/DC power suppliers. They provide better and more stable insulation for devices compared to AC/AC transformer systems, which transmit disturbances and transient phenomena like surges and bursts to devices. They also isolate products from inductive phenomena from other transformers and loads.
- Power supply systems for the product should be protected by external devices limiting overvoltage and effects of lightning discharges.
- Avoid powering the product and its controlled/monitored devices, especially high power and inductive loads, from a single power source. Powering devices from a single power source causes a risk of introducing disturbances from the loads to the control devices.
- If an AC/AC transformer is used to supply control devices, it is strongly recommended to use a maximum 100 VA Class 2 transformer to avoid unwanted inductive effects, which are dangerous for devices.
- Long monitoring and control lines may cause loops in connection with the shared power supply, causing disturbances in the operation of devices, including external communication. It is recommended to use galvanic separators.
- To protect signal and communication lines against external electromagnetic interferences, use properly grounded shielded cables and ferrite beads.
- Switching the digital output relays of large (exceeding specification) inductive loads can cause interference pulses to the electronics installed inside the product. Therefore, it is recommended to use external relays/contactors, etc. to switch such loads. The use of controllers with triac outputs also limits similar overvoltage phenomena.
- Many cases of disturbances and overvoltage in control systems are generated by switched, inductive loads supplied by alternating mains voltage (AC 120/230 V). If they do not have appropriate built-in noise reduction circuits, it is recommended to use external circuits such as snubbers, varistors, or protection diodes to limit these effects.



Electrical installation of this product must be done in accordance with national wiring codes and conform to local regulations.