

AIVIS Solution

Quick Start Guide

Rev A



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1. About this Document

1.1 Purpose

Purpose of this document is to provide basic information on Installation & Commissioning of AIVIS.

1.2 Intended Audience

The intended target groups for this document are:

- User
- Installation & Commissioning Team
- Customer Support Team

1.3 Document Conventions

The different conventions used in this document are explained in the following table:

Table 1: Document Conventions

Convention	Description
 Note: <Note Text>	Note provides information about important features or instructions. This appears with a background.
 Caution: <Caution Text>	This alerts you to potential damage to a program, device, or system. This appears with a background.
 Warning: <Warning Text>	This alerts you to potential injury or fatality. It may also alert you to potential electrical hazards. This appears with a background.
Courier New font	File and directory names are represented in Courier New font.
Bold font	Any option that needs to be selected or typed in the user interface is represented using bold font.

Convention	Description
<Document Name> <Section – Section Name>	When any particular section of another document is referred, then the exact document name is mentioned first, separated by a pipe symbol, followed by word Section/Chapter (as applicable) - and then the exact section name. For the title of a printed documentation, use italic and initial capitalization.

1.4 Terms and Abbreviations

The different terms and abbreviations used in this document are explained in the following table:

Table 2: Terms and Abbreviations

Terms/Abbreviations	Description/Expansion
LAN	Local Area Network
GUI	Graphical User Interface

1.5 References

Nil

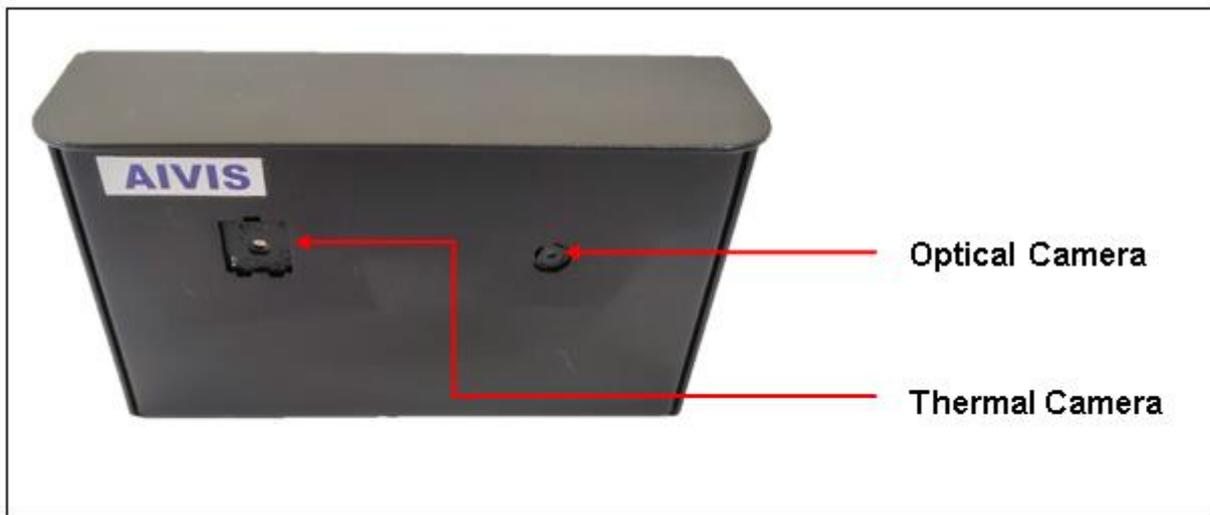
2. Unboxing the AIVIS Box

Carefully unbox the following items:

1. AIVIS Module
2. AC Power Adapter
3. Wall Mounting
4. LAN Cable
5. HDMI Cable
6. Tripod

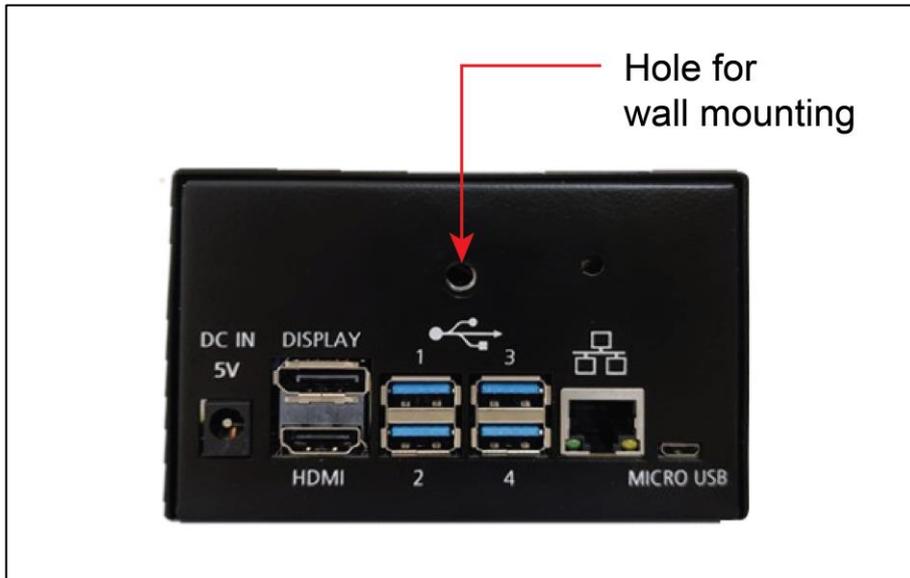
3. Front View of AIVIS Module

Figure 1: Front View of AIVIS Module



4. Rear View of AIVIS Module

Figure 2: Rear View of AIVIS Module



5. Interface Ports in AIVIS Module

Table 3: Interface Ports in AIVIS Module

S. No.	Interface	Function
1	LAN	To connect AIVIS with Network Switch
2	HDMI	To connect AIVIS with Monitor
3	USB 1 to 4	To connect Mouse & Keyboard
4	Power IN 5V	To connect AIVIS with Power Adaptor output port
5	Micro USB	Not in Use
6	Display	Not in Use

6. Installation of AIVIS on Wall Mounting

Figure 3: Installation of AIVIS on Wall Mounting



1. Fix wall mounting on wall with the help of screws & Gitti
2. Mount AIVIS on wall mounting
3. Set the direction and angle as per requirement to point towards the person.

7. Installation of AIVIS on Tripod

Figure 4: Installation of AIVIS on Tripod



1. Fix Tripod adaptor screw in mounting hole of AIVIS Unit
2. Mount this on Tripod Mounting Slot
3. Set the direction and angle as per requirement to point towards the person.

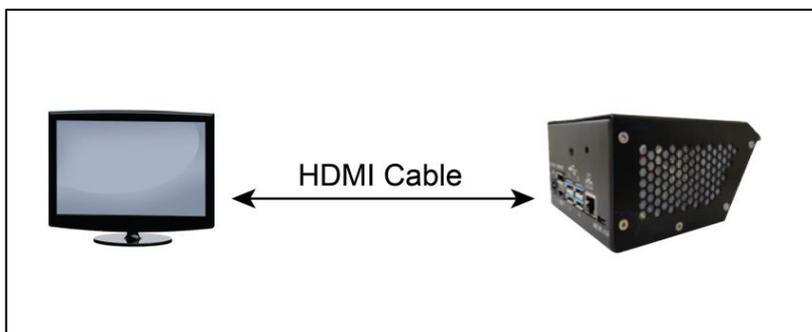
8. Activation of AIVIS Unit

Connecting Procedure for Direct on Monitor

1. Connect HDMI Cable from Monitor to AIVIS HDMI Port
2. Connect Power Adaptor (5V-4A) to AIVIS Unit
3. Switch ON Power Adaptor

i Note: Power ON device only after connecting HDMI cable

Figure 5: Connecting Procedure for Direct on Monitor

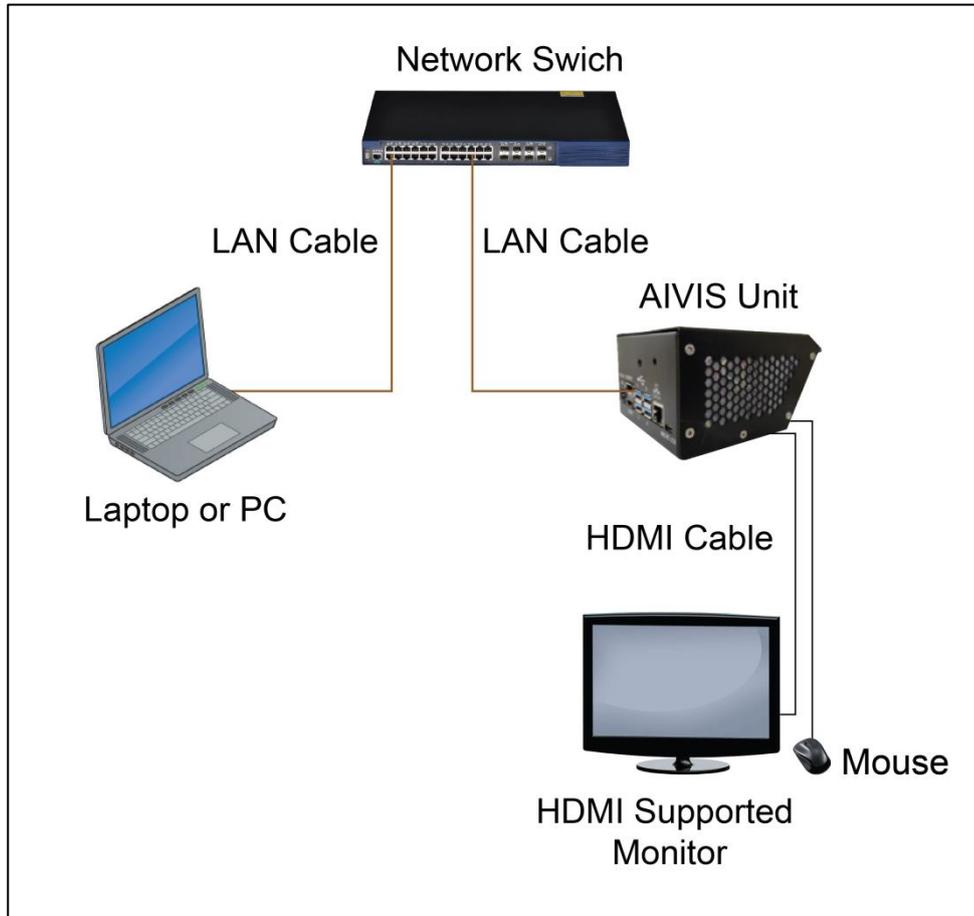


Connecting Procedure via Network

1. Connect HDMI Cable from Monitor to AIVIS HDMI Port
2. Connect AIVIS to network port via LAN Cable
3. Connect USB Mouse to AIVIS USB Port
4. Connect Power Adaptor (5V-4A) to AIVIS
5. Switch ON Power Adaptor

- i Note:** 1. Power ON device only after connecting HDMI, LAN Cable & USB Mouse Cable.
2. Internet Connection is essential for “No Mask alerts”

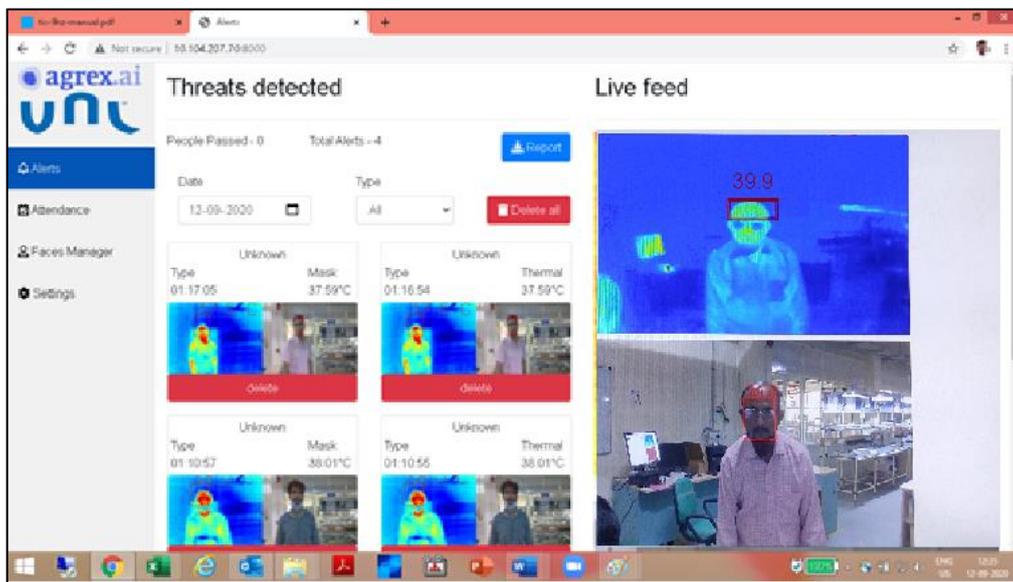
Figure 6: Connecting Procedure via Network



9. Graphical User Interface (GUI)

1. **Live Feeds:** It shows live view on Thermal & Optical Camera

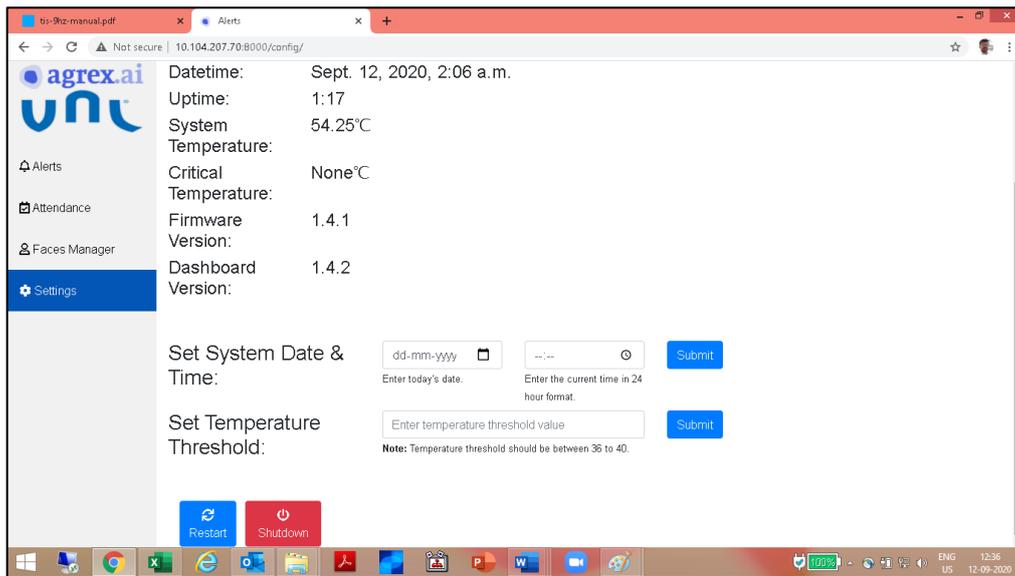
Figure 7: Live Feeds



2. **Threats detected:** In case a person with high temperature or no mask detected, it gives alerts which can be seen on GUI.
3. **Date & Time Setting:** You can set date & time manually, if network is not available. This facility is available under setting tab.

i Note: For better performance of AIVIS unit, please remove stored images regularly by clicking **Delete all** button

Figure 8: Internal Setting



4. **Temperature Threshold Setting:** In this, you can set high temperature threshold as per your requirement. This facility is available under setting tab.

5. **Temperature measurements:**

Normal Core body temperature is 37°C

Normal skin surface temperature is 36.4°C

Normal temperature in axillary region is 37.8°C

AIVIS system will give skin temperature. As there is difference of 0.6°C between skin temperature and core body temperature, need to add 0.6°C in observed value to get actual core body temperature.

i Note: System temperature is for monitoring AIVIS unit only. This is internal temperature of AIVIS unit. Please do not correlate it with human body temperature.

10. Troubleshooting

Table 4: Troubleshooting

S.No.	Problem	Action
1	Unit not Power Up	<ul style="list-style-type: none"> • Check Electric Switch Board • Check Power adaptor
2	Screen Display Issue	<ul style="list-style-type: none"> • connect the HDMI cable before providing power supply to the AIVIS • Reboot the AIVIS
3	LAN LED not Flashing	<ul style="list-style-type: none"> • Check Network Switch • Replace LAN Cable
4	Alerts not being Shown	<ul style="list-style-type: none"> • Check the temperature threshold in the settings menu • Check the current date on the dashboard • Reboot the AIVIS Thermal device with LAN cable plugged in
5	Live Stream gets Stuck	<ul style="list-style-type: none"> • Reboot the AIVIS Thermal device. • Remote check the device.
6	Detection is not Accurate	<ul style="list-style-type: none"> • Check the camera as it should always be in the Line of Sight of the human being in order to check his/her temperature • Check there are not multiple people in the frame

7	Device is not Online	<ul style="list-style-type: none">• Check if the LAN wire is connected or not.• Check if the firewall settings allow you to connect to the AIVIS Thermal device
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i **Note:** If Problem not resolved, please email to avis.care@vnl.in

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