

# *Monkey* MOMETER PRO

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FACIAL RECOGNITION • ACCESS CONTROL

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**QUICK START GUIDE**

# INTRODUCTION

The *Monkey* **MOMETER PRO** has been specifically developed to help Australians take the necessary steps to only allow the right people onto your site.

With accurate, contactless facial scanning and the option of activating personal registration and access control, it's the perfect solution for offices, hotels, buildings, schools, shops, cafés and restaurants.

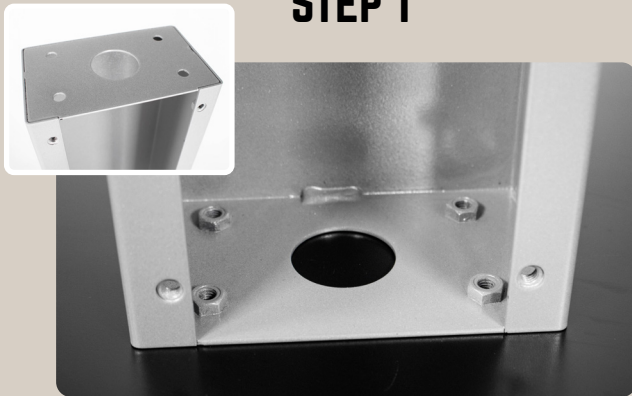
# NOTES:

1. Do not splash liquid or metal on the outer screen to avoid scratches or damage.
2. Clean with appropriate glass-cleaning solution to avoid watermark.
3. Take care when installing. Please handle the unit gently and don't drop it. Surprisingly, it doesn't handle that too well.
4. Please ensure that the equipment is well grounded to avoid interference and damage to the video and audio signals.
5. Please don't plug audio equipment, alarms and other external interfaces or terminals directly to the unit.
6. The Monkey Mometer Pro works best in room temperature between  $-10^{\circ}\text{C}$  and  $+55^{\circ}\text{C}$  and relative humidity between 10% - 90%. But if you're working somewhere the room temperature is below  $0^{\circ}\text{C}$  or above  $30^{\circ}\text{C}$  you should seriously consider looking for another job.
7. This product is for indoor use only. Not weather/waterproof.

# TO BUILD YOUR STAND:

**THE STAND HAS THREE MAIN PARTS: A BASEPLATE AND TWO UPRIGHT POSTS.  
(YOU SHOULD ALSO HAVE A POWER CABLE, TWO BACK PLATES, A LARGE SPACER RING AND 20 BOLTS)**

## STEP 1



The upright posts have four holes in each end. One of those ends has hexagonal nuts on the inside.

**That's the bottom.**

## STEP 2



Attach the baseplate to one of the posts using four of the supplied bolts. Screw them in by hand then tighten with a 10mm spanner or drill.

## STEP 3



Carefully place the other post on top and attach the bolts.

# TO ATTACH YOUR *Monkey* MOMETER PRO:

## STEP 1



Loosen the large nut at the bottom of the *Monkey* MOMETER PRO and remove it.

## STEP 2



Feed the cords through the hole at the top of your stand one at a time until all are through.

## STEP 3



Feed the chords through the spacer ring and large nut.

## STEP 4



Tighten the nut as much as you can by hand. If you like, you can tighten further with a large adjustable wrench.

## STEP 5



Feed the power cable through the bottom mail slot on one of the back plates. Then feed the cable up through hole between the posts and connect it to the *Monkey* MOMETER PRO'S power cable.

## STEP 6



Affix the two back plates using your remaining bolts.



# TO START USING:

## STEP 1



Place the stand....

## STEP 2



Plug the plug into a standard wall socket.

If you use an extension lead, ensure it is taped down so no one trips over it.

## STEP 3



The *Monkey* **MOMETER PRO** will power up within 10 seconds of being plugged in.

For best results wait a few minutes before using.

## STEP 4



Place the floor decal 50cm away from the front of the stand.

## STEP 5



You're good to go!

## STEP 6

The *Monkey* **MOMETER PRO** will tell you if something is wrong – like if you need to stand closer to or further away from the unit, or if you need to clear things away from your face for a more accurate recognition.

# CONNECTOR INTERFACE INTRODUCTION



1. USB	5V DM DP GND
2. Access Control (output)	<b>A</b> and <b>B</b> Normal open, default normal open, identification passed-connection, (alarm output 2) <b>C</b> and <b>D</b> Normal close, default normal close, identification passed-disconnection, (alarm output 2)
3. Reset Key	Hard reset
4. Power Connector	DC 12V
5. Alarm Output	GND+ALMO alarm output 1, without action output 3.3V, with action output 0V
6. Wiegand Connector	-WG10 +WG11 (input)
7. RJ45	100M

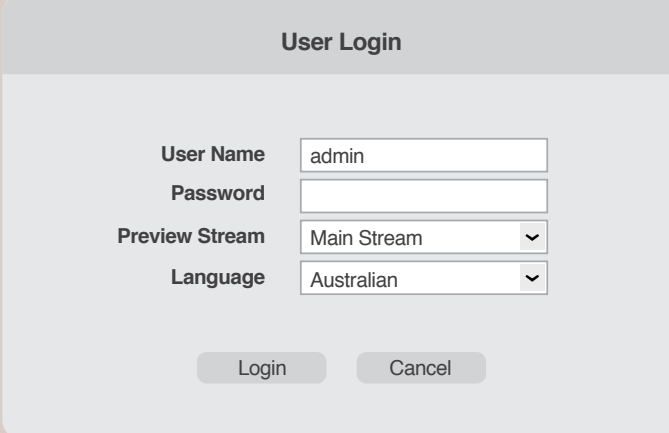
# HOW TO ADD TEAM MEMBERS AND SET UP ACCESS CONTROL

## STEP 1

Connect your *Monkey* MOMETER PRO to a Windows based PC/laptop via ethernet cable. The computer's ethernet adapter needs to be on the same subnet as the IP address of the Monkey Mometer. To find the IP address of your Monkey Mometer, look at the bottom left of the Monkey Mometer's screen. If you have purchased a Monkey Vision 4G Ranger, you will connect to your Monkey Mometer via WiFi and the IP address is 192.168.100.8

Once connected, open Internet Explorer and download the relevant ActiveX controller as prompted. In the search bar, type in your *Monkey* MOMETER PRO'S IP address to see the User Login screen, check that the lower drop-down box is set to “**Australian**”, There is no password, leave blank and click on “**Login**”.

**Congratulations, you're in!**



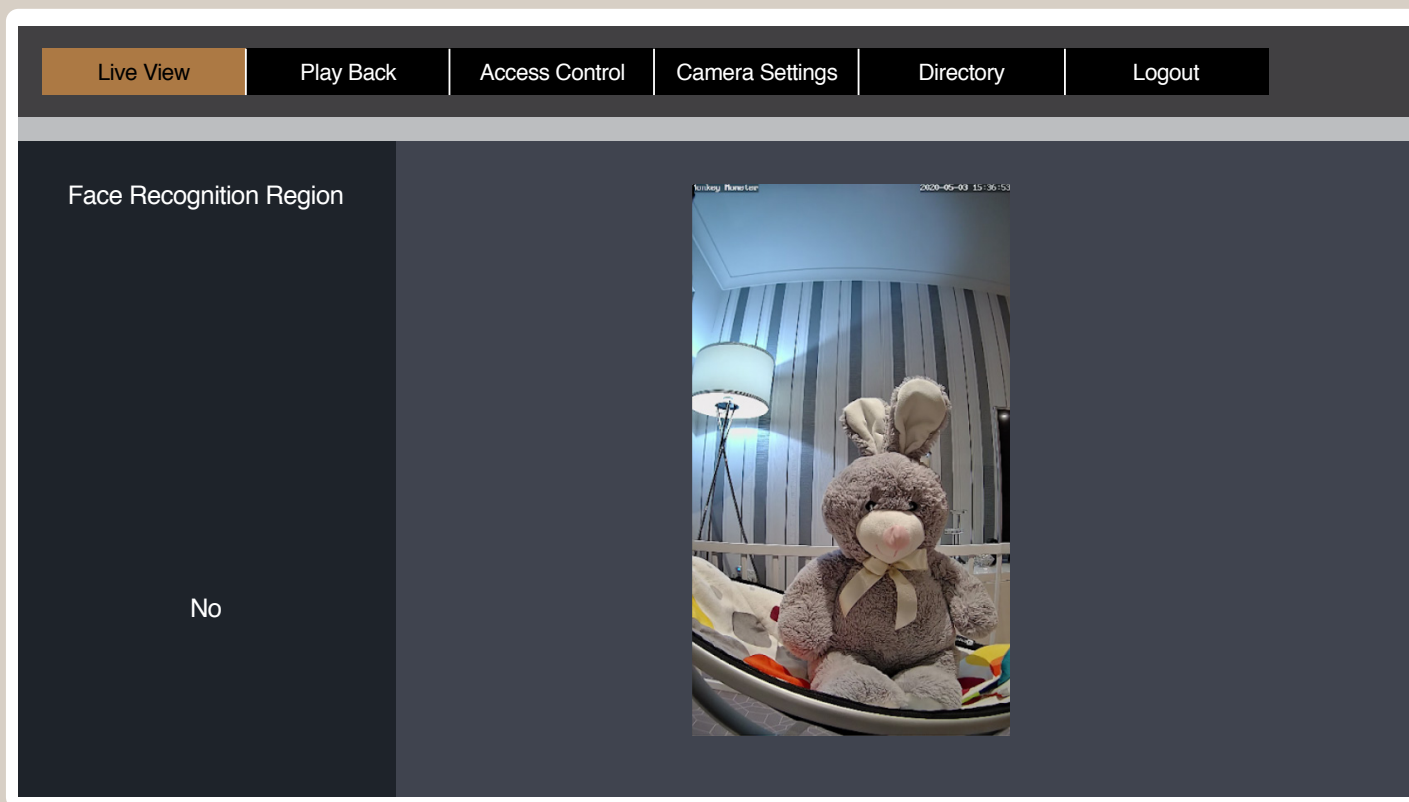
The image shows a 'User Login' window with a light blue header. Below the header, there are four labeled input fields: 'User Name' with the text 'admin', 'Password' which is empty, 'Preview Stream' with a dropdown menu showing 'Main Stream', and 'Language' with a dropdown menu showing 'Australian'. At the bottom of the window, there are two buttons: 'Login' and 'Cancel'.

CONT.



## STEP 2

If everything has gone to plan you should see the main screen as below.  
Click on “**Access Control**” along the top of the screen.



CONT.

Live View

Play Back

Access Control

Camera Settings

Directory

Logout

Directory

Local Disk

C ▾

Record Path

C:\webclient2\videos

Open directory

Snapshot Path

C:\webclient2\images

Open directory

Face capture path

C:\webclient2\faces

Open directory

File Type

prv ▾

Interval

1min ▾

Save

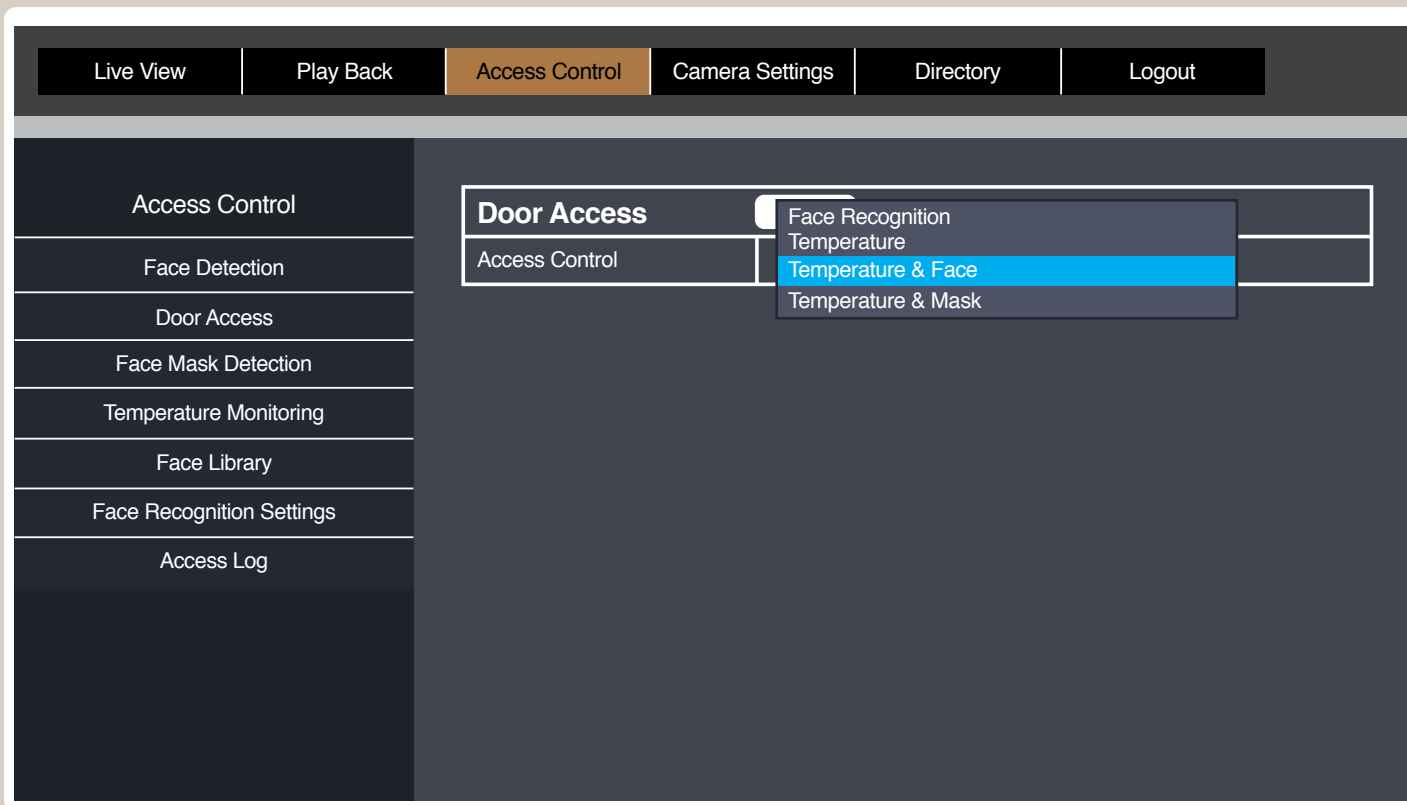
To capture the faces of people visiting your site, we recommend you set up folders on your connected PC to store these images.

Click on Directory across the top of the screen and create the folder pathways exactly as they are shown in this example on your PC.

Click on Open Directory to confirm the device recognises the path.

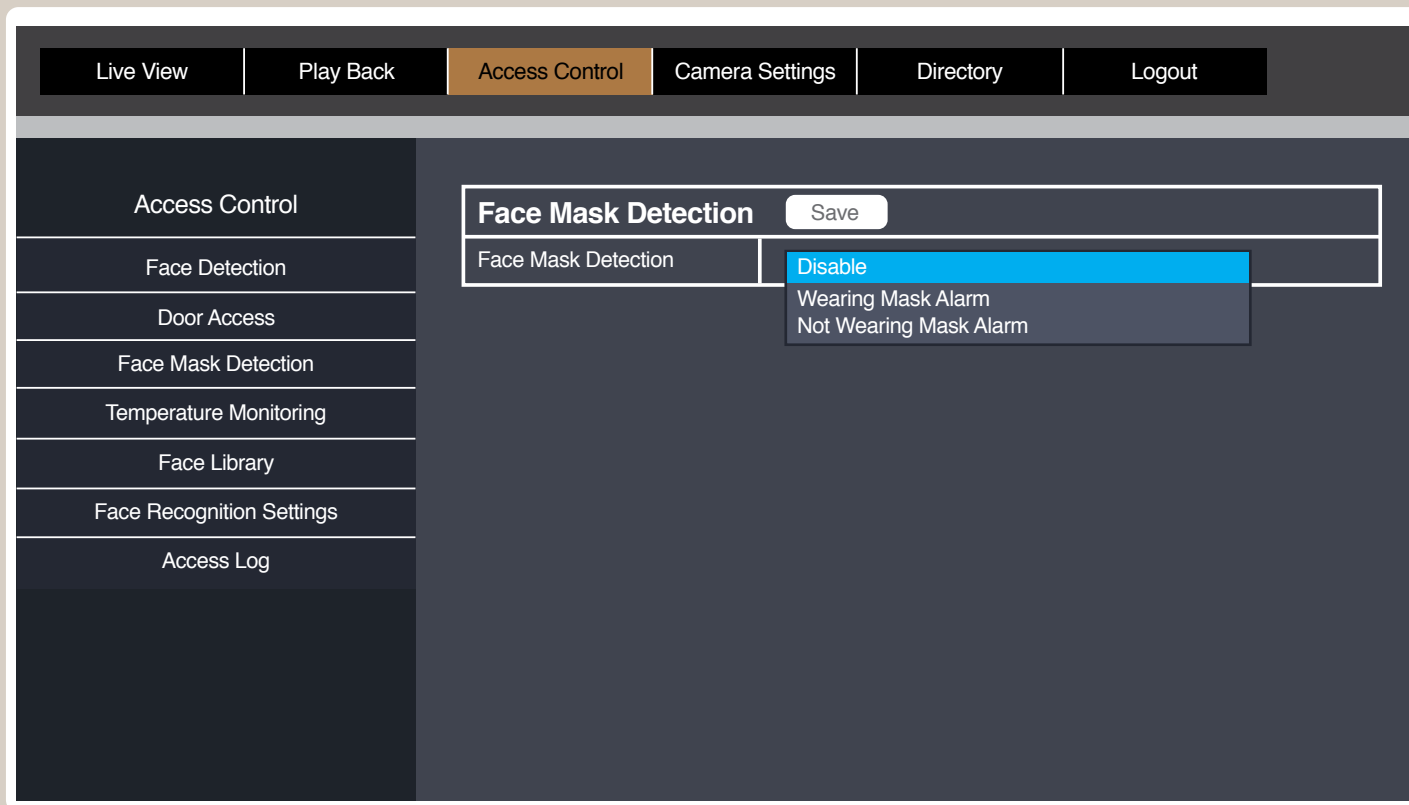
Click on Save.

CONT.



Click on “**Door Access**”, then select the access mode you want from the drop down list.

CONT.



To enable or disable face-mask detection, click on “**Face Mask Detection**” and select from the drop down list.

CONT.

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Door Access

Face Mask Detection

Temperature Monitoring

Face Library

Face Recognition Settings

Access Log

Face library configuration

List

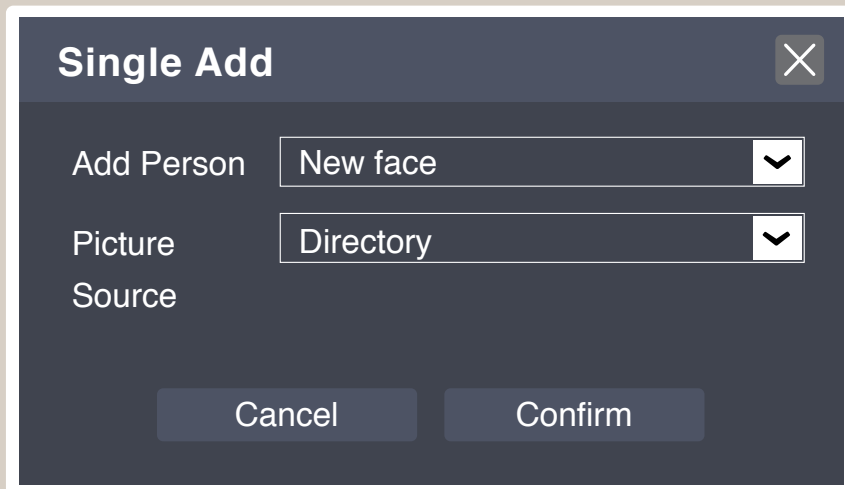
ExportImport

List	Face Library Name	Pax	Settings
1	Unbound Group	0	
2	Whitelist	0	
3	Blacklist	0	

To set up **Face Detection**, you need to create a **Whitelist**, click on **Face Library**, and then click on the **settings icon** next to **Whitelist**.

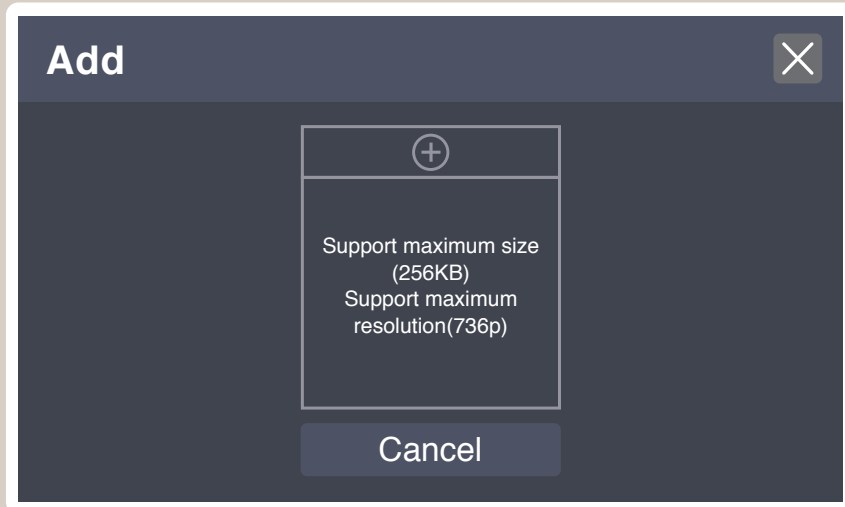
CONT.





A dark-themed dialog box titled "Single Add" with a close button (X) in the top right corner. It contains two dropdown menus: "Add Person" with "New face" selected, and "Picture Source" with "Directory" selected. At the bottom are "Cancel" and "Confirm" buttons.

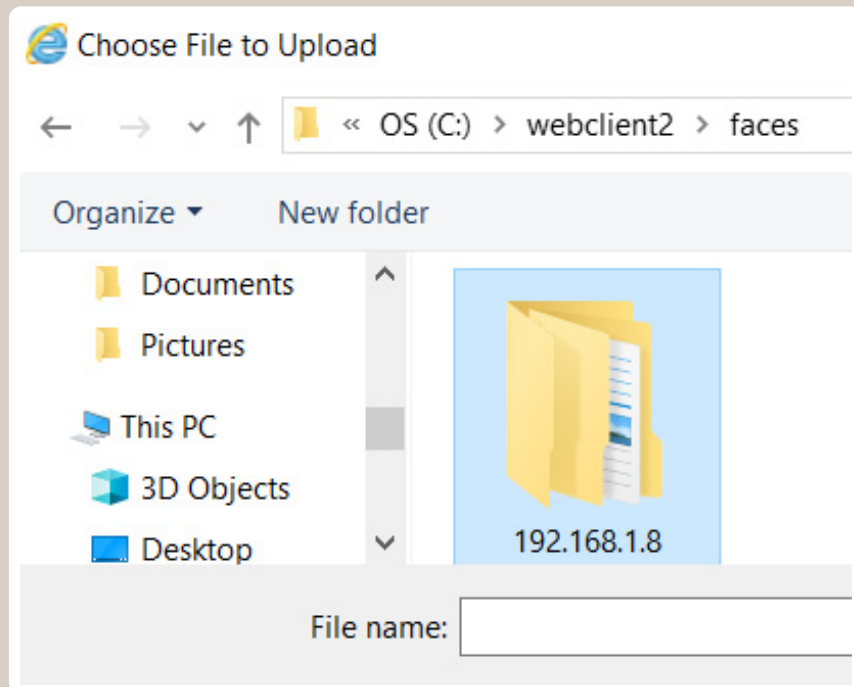
Click on confirm in the Single Add dialogue box.



A dark-themed dialog box titled "Add" with a close button (X) in the top right corner. It features a central area with a plus sign icon at the top, followed by the text "Support maximum size (256KB)" and "Support maximum resolution(736p)". A "Cancel" button is at the bottom.

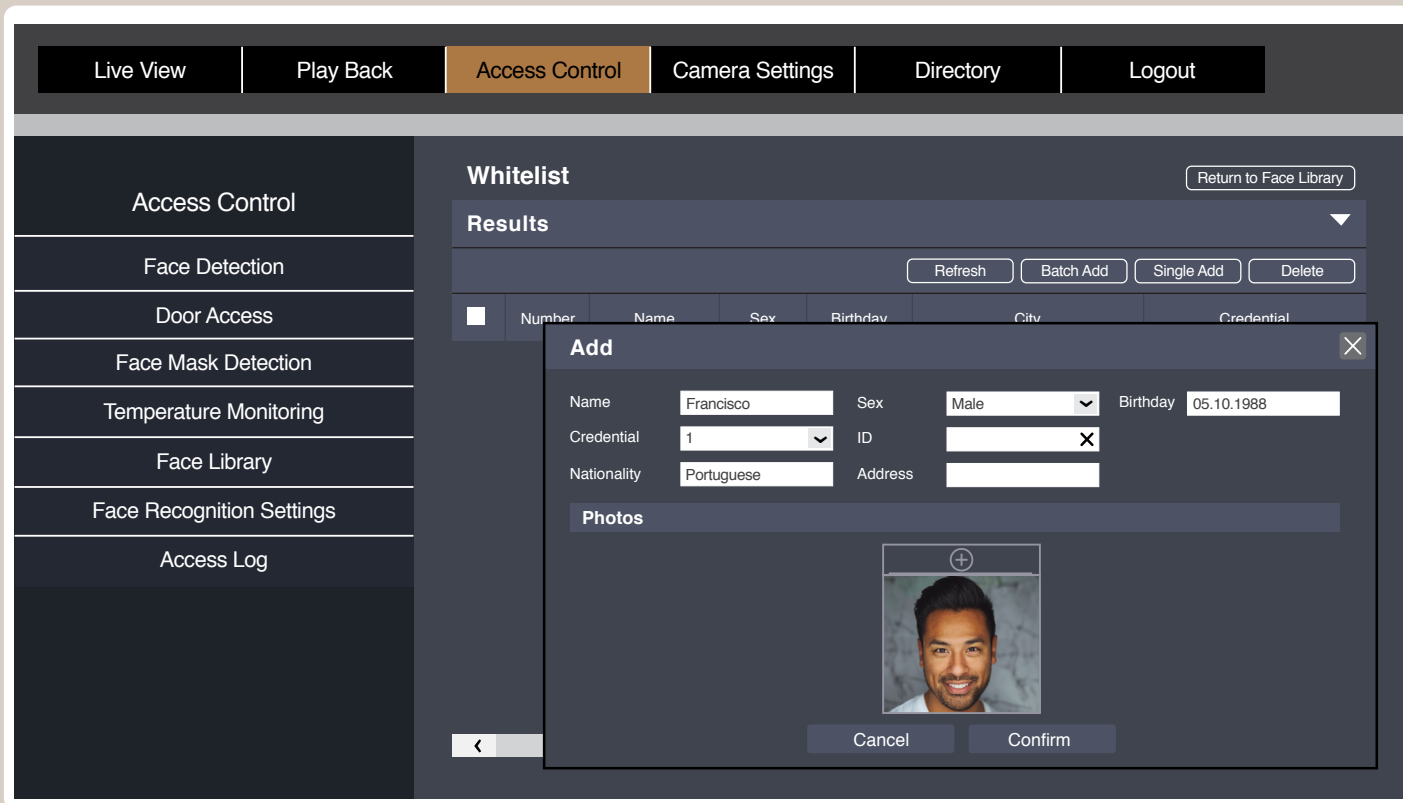
Click on the plus sign at the top of the photo box that opens up at that step, note the settings required for the photo, highlighted in that photo box.

CONT.



This folder will open on your computer, you can then search for folders on your computer where photos may already be stored.

You can click through the default folder to find people who have attended your site – the best photo that can be used from existing images is one where the person was in good light and stood approx. 60cm from the screen – they may not have had their temperature taken, but the device did record their image.



Double click the photo, and then edit the persons details as per below.

To add more than one person, use the **Batch Add** process instead, by following these steps.

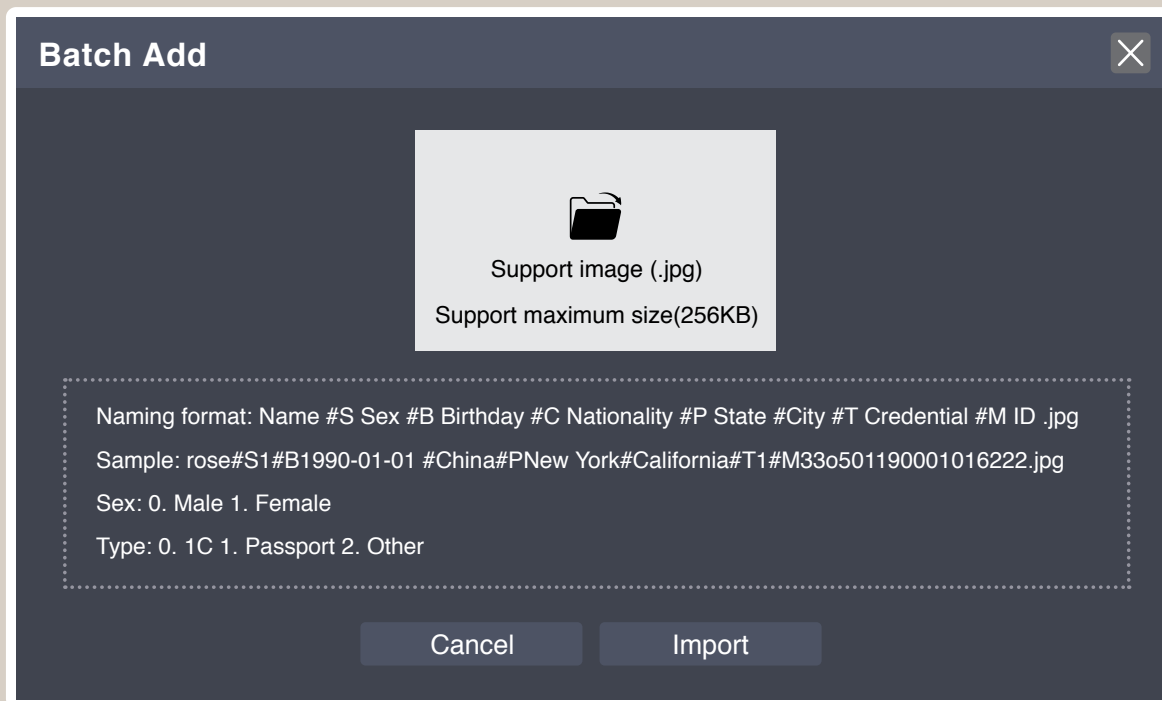
Firstly, you need to edit the photos of everyone you intend to add – the photos must be no larger than **256KB** with a maximum resolution of **736px**. Getting staff to take a selfie and send it in Low Res is an easy way to get the images you need.

Save the photos on the computer connected to the device, and use the following naming protocol:

Name #S(Sex – M=0, F=1) #B(Birthday – YYYY-MM-DD) #C(Nationality) #P(State) #(City) #T(Credential ID Card=0, Passport=1, Other=2) #M(Credential Number).jpg

**EXAMPLE:** Francisco #S0 #1985-07-23 #CPortuguese #PVictoria #SouthYarra #T2 #M123456.jpg

CONT.



Click on **Batch Add**, click on the folder icon, you will go to a standard Explorer window to find the photo files. Click on the files you want to import and then click on the “**Import**” command at the bottom right of screen.

A confirmation window pops up in the interface confirming the number of files to be imported and if there are any errors, and the user can click to confirm the import.

To remove someone from the Whitelist, click on the settings icon and then select the person from the list and click on delete. This will remove them from the Whitelist and store their photo in the Unbound Group, where you can permanently delete them, or re-bind them to the whitelist, or if necessary, bind them to the blacklist.

CONT.

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Privacy Settings

### Access Log

Results

Derived form Refresh

List	Registered	Face Library	Name	Time & Date	Degree of Recognition	Temperature	Unit	
1	White list	whiteListGroup	Nick	2020-04-30 11:00.25	The comparison with	36.1	°C	
2	White list	whiteListGroup	Chris	2020-04-30 11:00.21	The comparison with	36.1	°C	
3	White list	whiteListGroup	Blaine	2020-04-30 11:00.20	The comparison with	36.1	°C	
4	White list	whiteListGroup	Francisco	2020-04-30 11:00.19	The comparison with	36.1	°C	
5	White list	whiteListGroup	Amelia	2020-04-30 11:00.16	The comparison with	35.8	°C	
6	White list	whiteListGroup	Jason	2020-04-30 10:59.51	The comparison with	35.9	°C	
7	White list	whiteListGroup	Christina	2020-04-30 10:59.49	The comparison with	35.9	°C	
8	Unregistered			2020-04-30 15:50.05	Alignment failure	36.3	°C	
9	Unregistered			2020-04-30 15:39.05	Alignment failure	35.9	°C	
10	Unregistered			2020-04-30 15:38.35	Alignment failure	35.9	°C	

10
1
/79

From the 1 to 10, The total 788 item Each page shows: 10

To review who has accessed your site, click on Access Control across the top of the screen, and then Access Log at the lower left of screen. You will then see a table showing name, date & time, and whether they were wearing a mask. If they have been set up on the White or Black lists their name will appear.

CONT.



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Intelligent configuration

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Access Log


Results

List	Registered	Face
1	White list	white
2	White list	white
3	White list	white
4	White list	white
5	White list	white
6	White list	white
7	White list	white
8	Unregistered	
9	Unregistered	
10	Unregistered	


10
1
/ 79

Details

Original Capture



Contrast Figure



Face Library	Unregistered
Time&Date	2020-08-11 16:29:22
Unit	°C
Temperature	36.3
Fever?	Normal
Whether Wear Mask	Not Wearing Mask

Derived form

Refresh

Degree of Recognition	Temperature	Unit	
The comparison with	36.1	°C	
The comparison with	36.1	°C	
The comparison with	36.1	°C	
The comparison with	36.1	°C	
The comparison with	35.8	°C	
The comparison with	35.9	°C	
The comparison with	35.9	°C	
Alignment failure	35.9	°C	
Alignment failure	35.9	°C	

From the 1 to 10, The total 788 item Each page shows: 10

To identify someone where the name field is blank, double click on that entry to see who it was by revealing their picture.

To export this data, click on Derived Form at the top of the table to create a workbook.

**FOR MORE TROUBLESHOOTING TIPS VISIT [MONKEYVISION.COM.AU](http://MONKEYVISION.COM.AU)**

This guide has been put together by combining a translation of the manufacturer's original instructions with our own practical use and testing. The information contained within this document provides the user with all the practical information required to safely set-up and operate the *Monkey* **MOMETER PRO**. Without written permission, no unit or individual may in any way extract, copy, translate or modify all or part of this manual. Except as otherwise agreed, we do not make any representations or warranties, express or implied.



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