

# MONTAGE

by DisplayNote Technologies

## User Guide



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## 1. The Montage unit

### 1.1 What's in the box

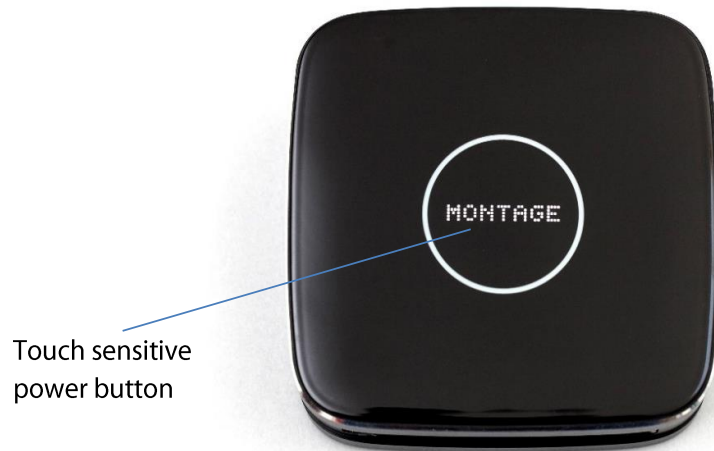


Included in the Montage package:

1. Montage unit
2. Mounting plate
3. Screws for mounting plate
4. HDMI to mini-HDMI adaptor
5. Warranty card
6. Power Adapter

### 1.2 About the unit

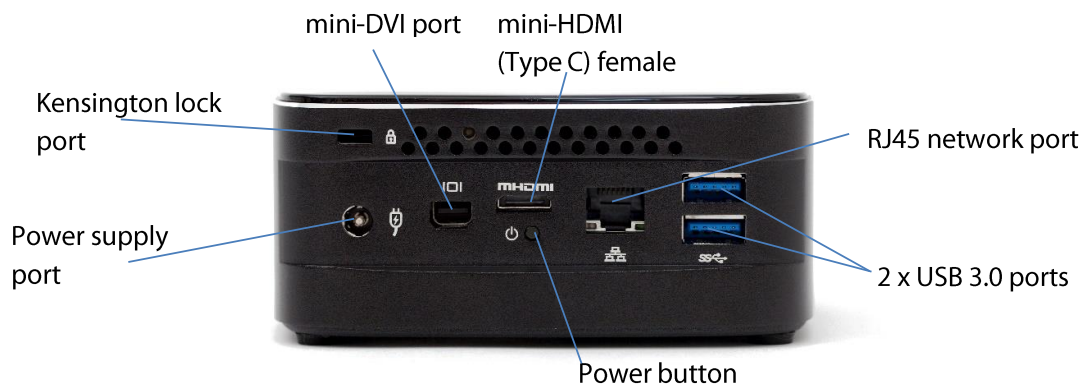
Below is an overview of all ports and buttons on the Montage unit.



**Montage – top of unit**



**Montage – front of unit**



**Montage – back of unit**



**Montage – base of unit**

The Serial Number can also be found in the settings, see Section 7.1.

## 2. Getting started

### 2.1 Connecting the Montage unit



1. Connect the power cable.
2. Connect the display to either the mini-HDMI or mini-DVI connection. If using a standard HDMI cable, a HDMI to mini-HDMI adapter will be needed (included).
3. Connect to network via the Ethernet cable (optional – see below)
4. If using a touch display, connect the USB touch cable from the display to the Montage unit.  
Or, connect a mouse for a standard display.

## 2.2 Networking options

*There are 3 options when connecting Montage to your network:*

- (i) *Connect Montage to an existing network with the Access Point enabled*

Montage is connected to the existing network via an Ethernet cable. Attendees can connect to Montage via the existing network, or by joining the Montage Access Point which is enabled by default.

- (ii) *Hardwire Montage to an existing network with the Access Point disabled*

Montage is connected to an existing network via an Ethernet cable. Attendees must connect to Montage via the existing network. The Access Point is disabled by unchecking the "Enable Access Point" check box in the Access Point tab in Settings.

- (iii) *Run Montage without internet/local network and the Access point enabled*

Attendees must connect to the Montage Access Point to connect. The Montage unit will not be connected to the internet. The Access Point is disabled by unchecking the "Enable Access Point" check box in the Access Point tab in Settings.

More information on changing Access Point settings can be found in Section 7.3.

**\*For advanced networking information, please see the Montage Network Guide at <http://www.displaynote.com/montage/support>**

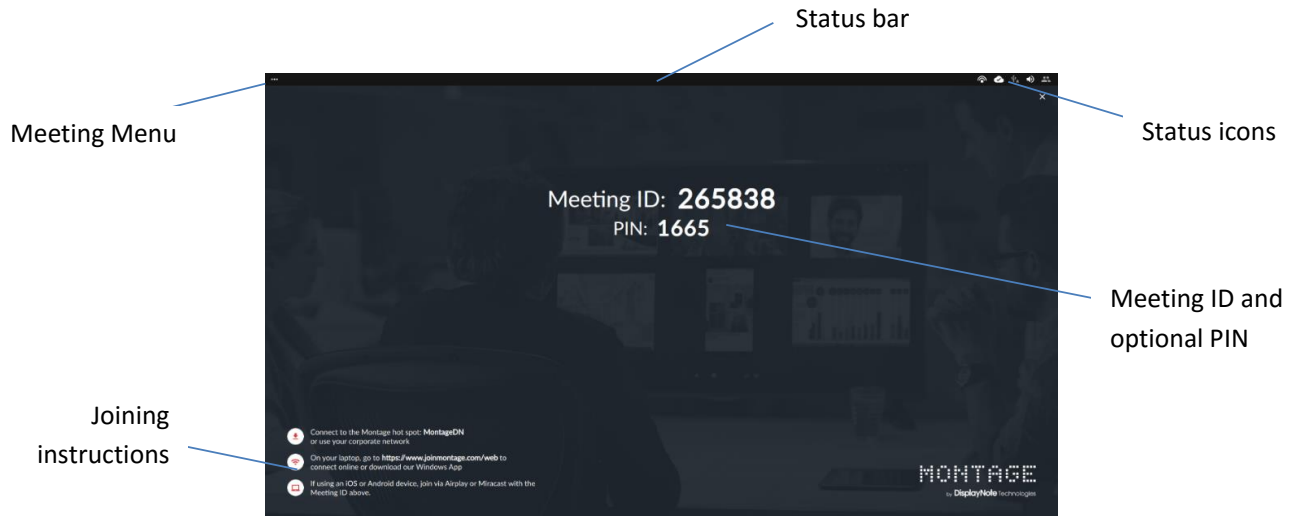
## 2.3 Turning on the Montage unit

To power on, press the Montage logo on the top of the box for two seconds.



The power button on the rear of the unit can also be used. Once switched on, the light around the Montage logo will illuminate green before cycling through a range of colours.

## 2.4 Meeting ID screen



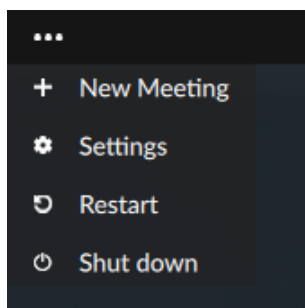
When your Montage unit has powered on, you will see the above screen.

This screen contains the status bar at the top, the Meeting ID (and PIN, if activated) to join the meeting and instructions on how to connect devices in the bottom left. For more information on how to connect devices, please see Section 3.

## 2.5 The Status Bar Menu



The status bar menu is at the top of the Montage display and contains the meeting menu and a group of status icons to the right.









The meeting menu is accessible by tapping or clicking on the three dots in the left corner, revealing the menu above.

These options enable you to start a new meeting, view Montage settings and to restart or shut down your Montage unit.

Click or tap on the Meeting ID in the top left corner at any time to view the Montage Meeting ID screen. This can be closed by using the 'X' in the top right hand corner.

On the right side of the status bar there are some information icons;

Symbol	Meaning
	Access Point enabled/disabled
	Cloud services (internet) enabled/disabled
	Connected speaker volume off/low/high
	Eject USB device connected to Montage unit
	Attendees (number of connected attendees shown to right)
	Software update available

## 3. Connecting Attendees

Attendees can join a meeting by using;

- The **Windows application** for Windows 7® and above
- The **Web Client** for Google Chrome® browser (Version 34+) on Windows®, Mac®, Linux® or Chromebook®
- **AirPlay® for iOS devices** running iOS 6, 7 & 8
- **AirPlay® for Apple Macs** running OS X 10.8 – 10.10
- **Miracast® for Android devices** running Android 4.4 and above

Attendees must be connected to the same local network as the Montage unit, or be connected to the Montage Access Point to use Miracast® or AirPlay®. If connecting using the Windows® application or Web client, attendees can connect over the internet, provided the Montage unit is also connected to the internet.

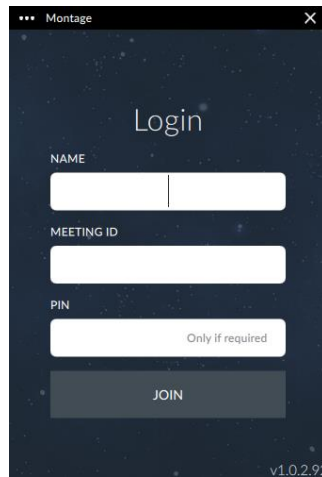
### 3.1 Connect using Windows® application

Go to <http://www.joinmontage.com/> to download the Windows® application and follow the on-screen instructions to install on the PC.





Once installed, double click the Montage icon to launch the application.



When Montage opens, enter attendee name, Meeting ID, and a PIN if the organiser has requested it. Click 'Join' when ready.

Please see Section 5 for more information on the Windows® application.

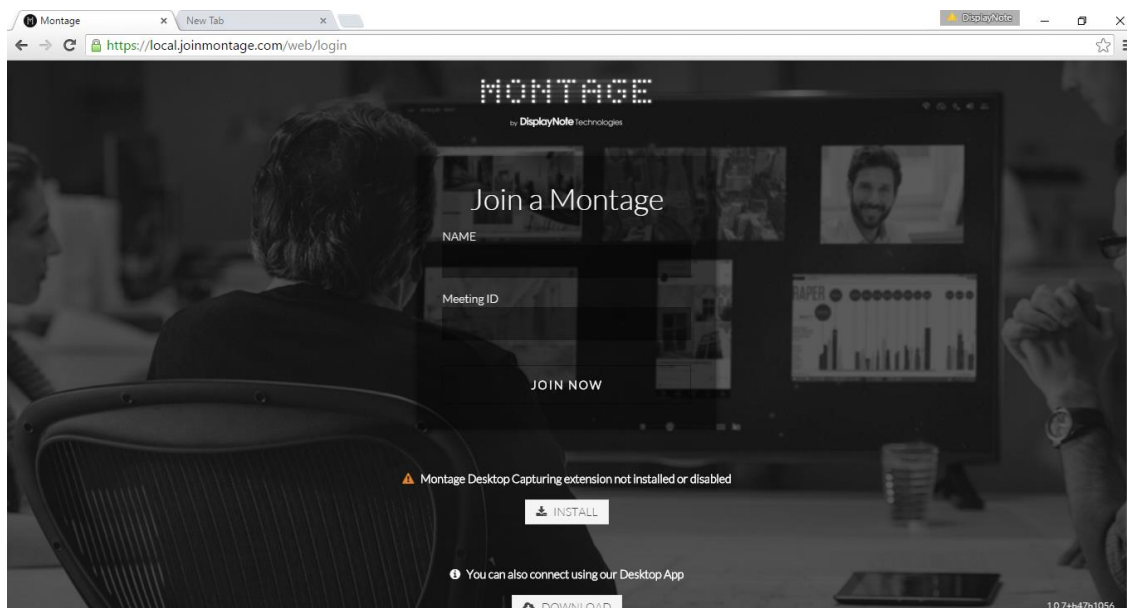
### 3.2 Connect using web browser

If you're on a Windows® PC, Mac®, or Chromebook® you can connect using the Montage Web Client in Google Chrome®.



Chrome® can be downloaded from <http://www.google.com/chrome>.

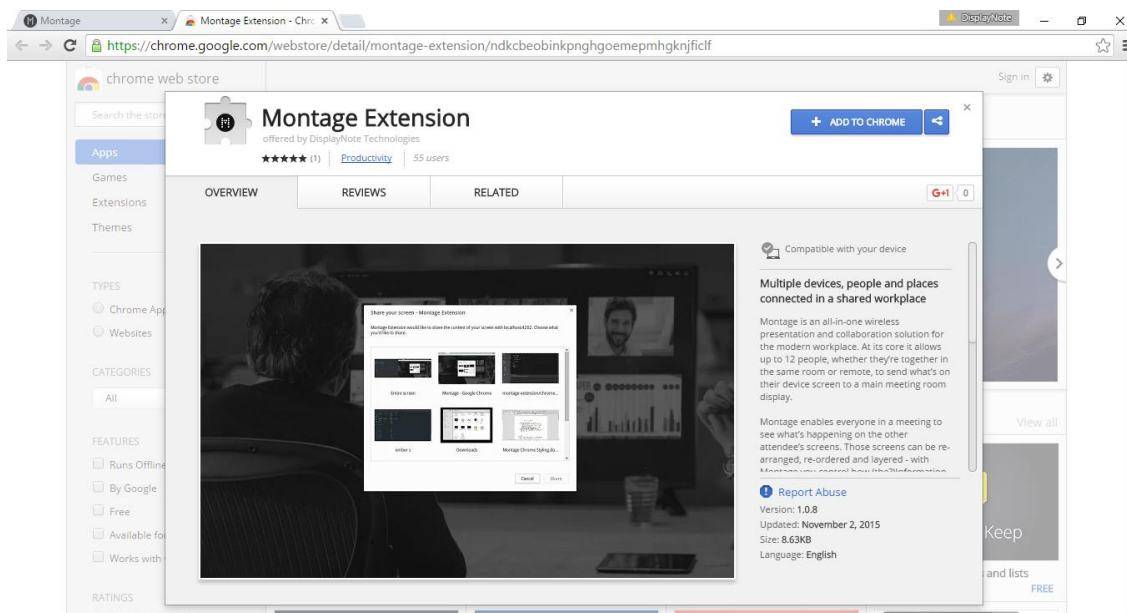
Open Chrome® and navigate to <http://www.joinmontage.com> - you will see the below page.



For the best experience when using the web client, the **Montage Extension** must be installed from the Chrome® app store in order to share the screen. If the Montage Extension is not installed, the connected device will still be able to view the Active Display and to share webcam but will not be able to screen share.

### 3.2.1 Installation of the Montage Extension

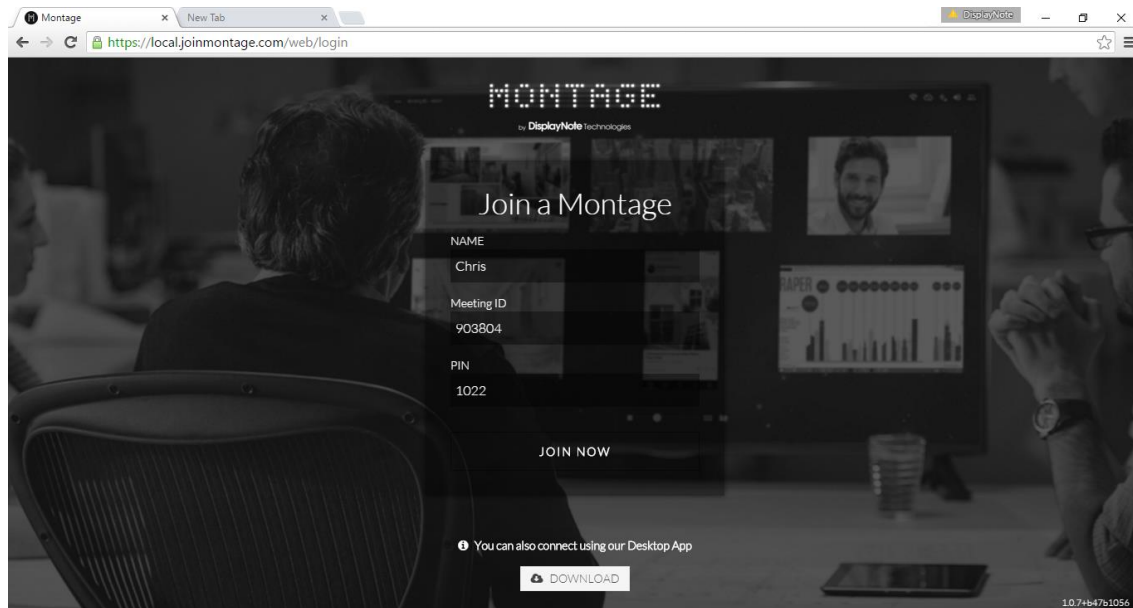
The extension can be installed by clicking on the 'install' link, this will open the Chrome® app store in a new tab.



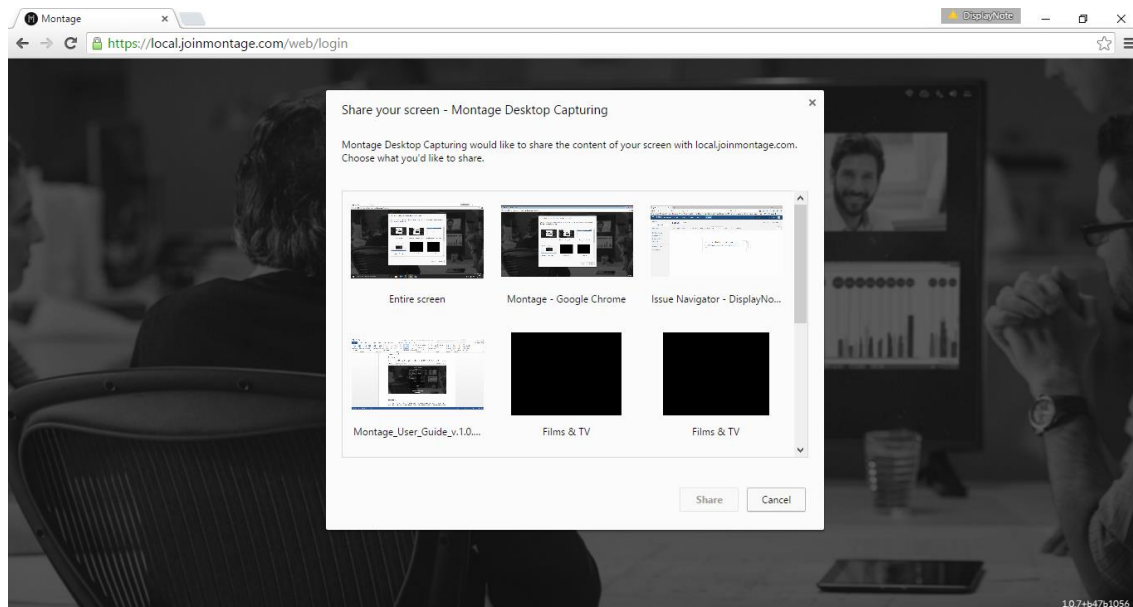
Click 'Add to Chrome' in the top right corner, after a few seconds this will change to 'Added to Chrome'. This tab can then be closed.

Refresh the page on the <http://joinmontage.com> tab, the browser will now detect that the extension is installed. Now connect, following the instructions below.

### 3.2.2 Connecting using the Web Client



Enter attendee's name, Meeting ID and optional pin for additional security. Click 'Join Now' when ready to connect.



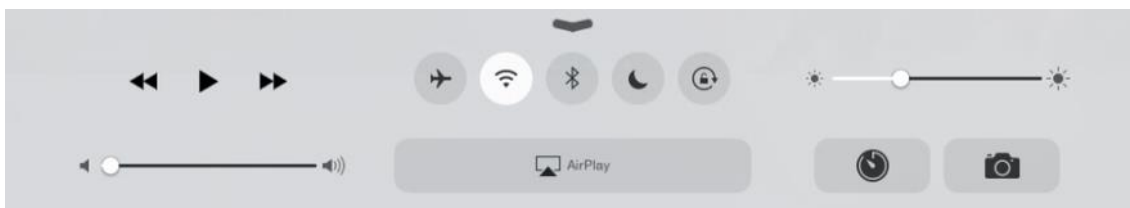
Next, a prompt will appear asking for which windows to share – either the entire desktop or a specific window. Once an option is selected, click 'Share' to be connected to the Montage meeting.

When connected using the web client attendees must keep the Chrome® browser window open in order to stay connected to the meeting.

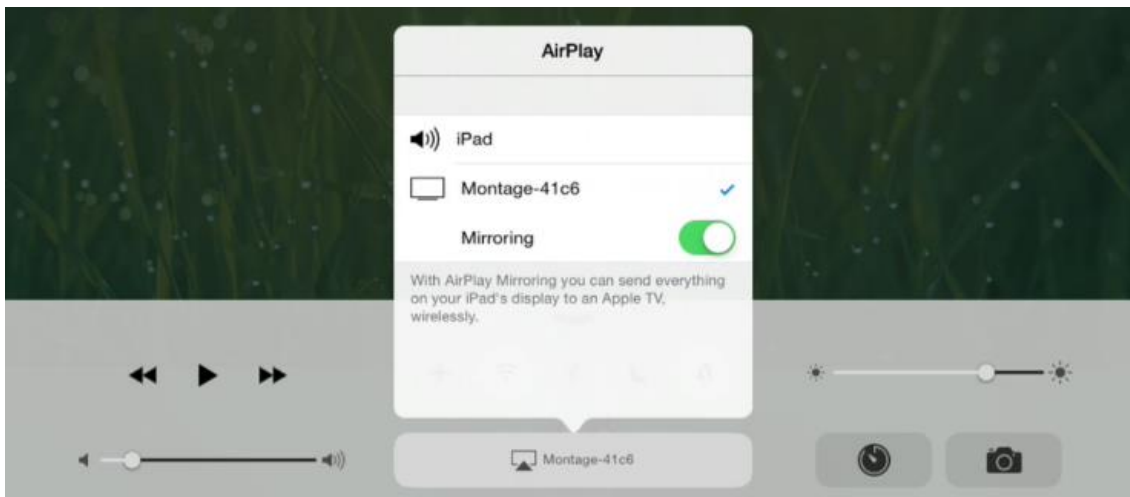
Please see Section 6 for more information on the Web Client.

### 3.3 Connect iOS devices using AirPlay®

Ensure the iOS device is on the same network as Montage, or connected to the Montage Access Point.



Swipe up from the bottom of the screen on the iOS device to reveal the Control Center.



Select the applicable Montage unit and tap the 'Mirroring' toggle so that it turns green. At this point an AirPlay® password is required – **this will be the Meeting ID**.

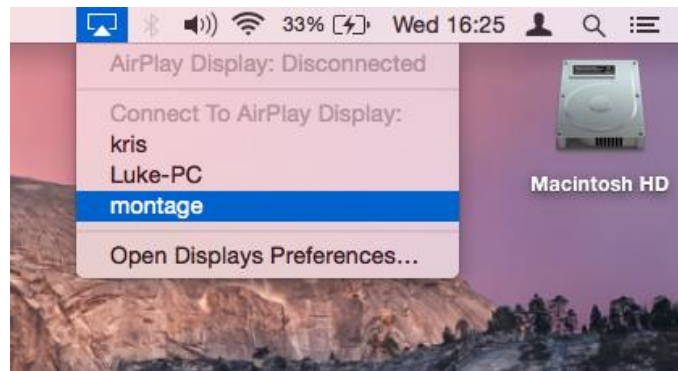
After tapping ok the screen of the iOS device will appear on the Montage screen.

### 3.4 Connect Apple Macs using AirPlay®

Mac computers can currently join using the **Web Client** (see Section 3.2) or by using AirPlay®.

To mirror the screen using AirPlay®, make sure the Mac is connected to the same network as Montage, or is connected to the Montage Access Point.

When connected to a valid network with AirPlay®, the AirPlay® icon will be shown in the top right of the OS X Menu Bar, click this to see a list of available AirPlay® receivers on the local network. 'Montage' will be in this list (or the name of the Montage network, if it has been renamed).



AirPlay® will prompt for a password at this point, this will be the Meeting ID. Enter this and the Mac screen will be mirrored to the display.



### 3.5 Connect an Android® device using Miracast®

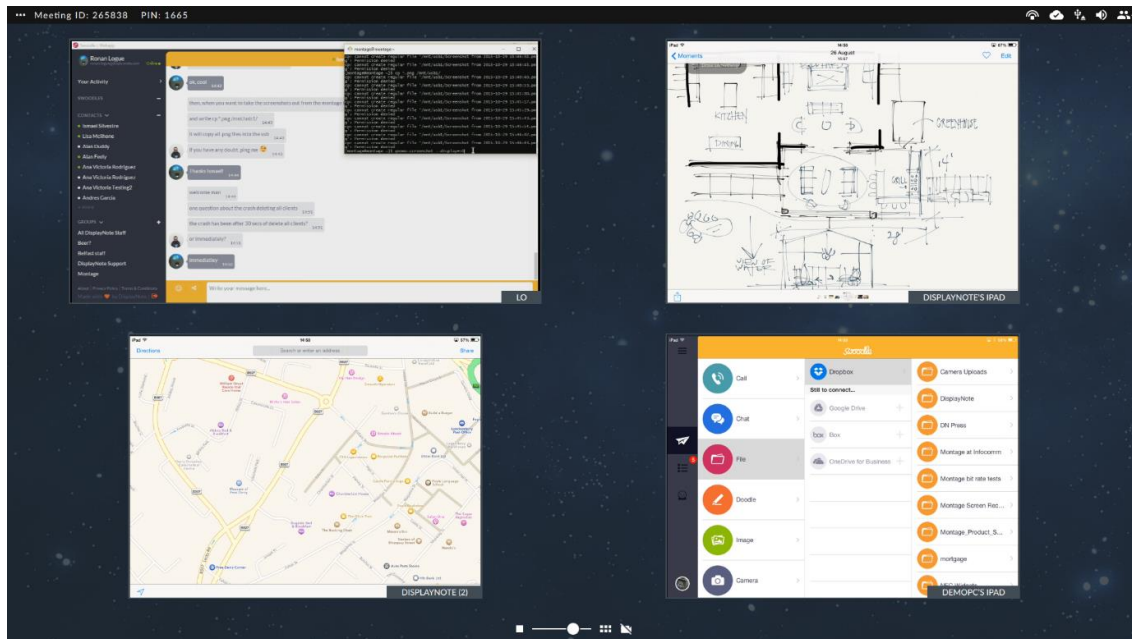
To use Miracast® you will need:

- A supported device running Android 4.4 or above
- Miracast® enabled in Montage settings – (see Section 7.2)
- The Access Point disabled in Montage settings (see Section 7.3)

Steps to connect via Miracast® vary dependent on device, please check with your manufacturer for instructions on how to share the device screen.

## 4. Managing attendees

### 4.1 Re-ordering attendees and changing view



Attendees will appear in the Montage view when connected, as seen above. Up to a maximum of 12 attendees can be connected at once.



This view can be altered by using the slider at the bottom of the screen. This can change between having 1 device on screen up to a montage of 6 screens. If there is a webcam or a visualizer attached to the Montage unit it can be turned on or off using the webcam icon on the right.

### 4.2 Adding and removing attendees

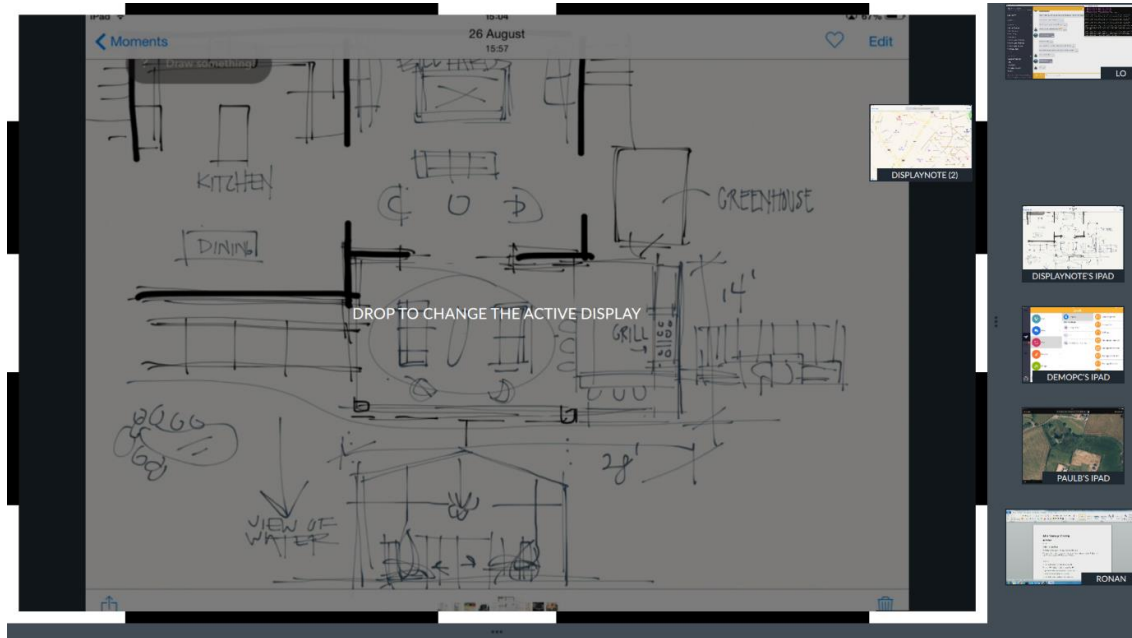
Attendees can join at any time during the presentation - if joining after the presentation has started, the Meeting ID and Meeting PIN will be visible in the top left corner of the Montage display. Tapping/clicking on this will open the Montage Meeting ID screen with the Meeting ID in a larger format.

If 12 attendees are already connected, attendees can easily be removed by dragging an attendee's display to the trash bin. If an attendee wants to disconnect, they can select to "Leave Montage" in the app, or disconnect from Airplay® or Miracast®.



## 4.3 Make an attendee full screen (Active Display)

To select an attendee as the Active Display, double tap/click that attendee in the Montage view, this display will then become full screen. This screen is now the 'Active Display'.



Attendee's displays can be easily swapped between by using the Sidebar – expand the Sidebar by pulling the tab ( ) from the right side of the screen. Drag and drop the desired screen to change the Active Display.

Attendees will also be able to set themselves as the Active Display from within the Windows application (see Section 5.2).

## 4.4 Take control of the PC

When a Windows® PC using the Montage application is set as the Active Display, Montage has full mouse control of that PC from the display.

## 4.5 Active Display Menu options



**Montage view** – select this option to return to the montage view of all connected devices.

**Pen tool** – used to annotate over the current display. Click or tap to cycle through colours.

**Mouse control** – Take mouse control of the Active Display.

**Clear annotations** – Delete all annotations from the current screen.

**Export image** – Capture a snapshot of the current screen and send it to connected attendees.

**Volume control** – Control the volume of any audio output connected to the Montage unit.

## 4.6 File sharing

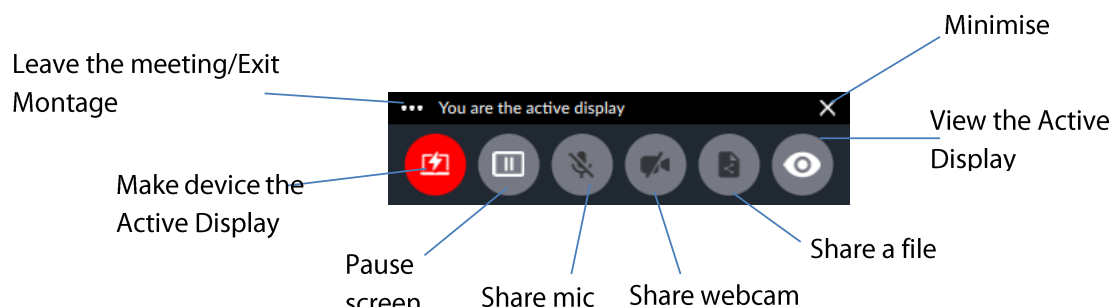
Files can be shared directly from the Montage unit via the montage menu screen, by holding down on any of the desired attendees. Attendees can be selected/deselected according to which attendees are required to be included. When ready, select the file sharing button at the bottom of the screen and Montage will then prompt to locate the file to send. This must be from a USB pen or hard drive attached to the USB on the Montage unit.

You can also send files from within the Windows® Application, see Section 5.1.

Currently only attendees connected via the Windows® Application can receive files.

## 5. Windows® application

### 5.1 Windows® Application menu



When connecting using the Windows® Application, the menu above appears.

**Make device the Active Display** - This will turn red to show that this attendee is the Active Display. This attendee's screen is now full screen and can be viewed by other attendees using the Windows application or Web Client.

**Pause screen** – Pause the feed of the attendee's shared screen temporarily, allowing you to use other applications in private. Click again to resume sharing.

**Share mic** – this will turn on/off the microphone of the attendee.

**Share webcam** - this will enable the camera and will be shown on the main display.

**Share a file** – allows sending of a file from this attendee to other attendees using the Windows application.

**View the Active Display** – this will expand the window with new options, as seen below.



## 5.2 Become the Active Display

A device can be made the Active Display by clicking the Active Display icon in the menu bar. This will make that attendee full screen on the main display, this will also share the content to anyone viewing the active display on the Windows Application or Web Client.

When an attendee is presenting, they can take control of their PC from the main display.

## 5.3 View the Active Display

The current Active Display can be viewed by selecting the 'View Active Display' icon. The screen will change with extra options, as below.



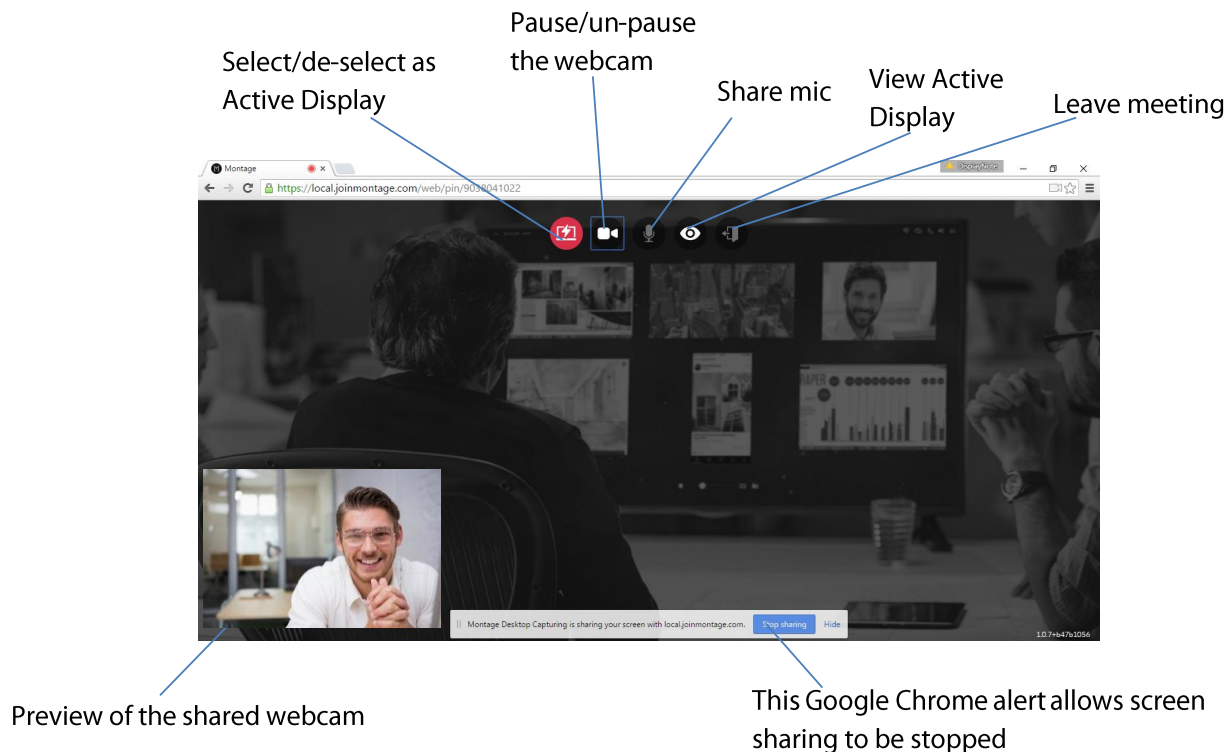
An attendee can deselect themselves as the active display (stopping others from viewing the screen) by pressing the red Active Display button. Pressing the '+' will expand the additional options above.

This menu gives quick access to pause screen, turn on/off outgoing audio, start/stop sharing webcam or to share a file.

## 6. Web Client

For connecting via the Web Client please see Section 3.2

### 6.1 Web Client menu



### 6.2 Share a webcam

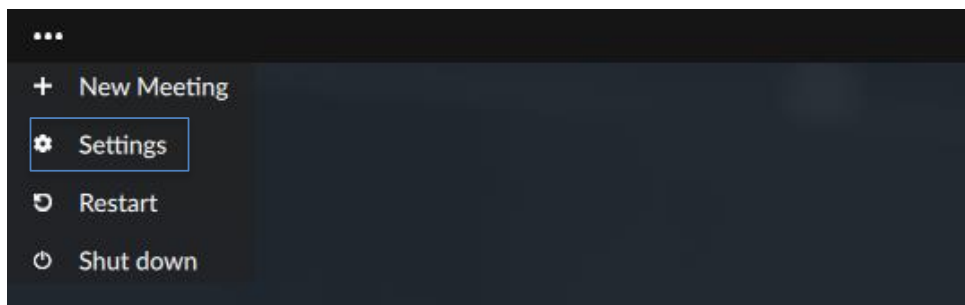
The webcam will be automatically shared if the Montage Extension has not been installed in Chrome. If using the extension, the webcam can be shared by using the pause/un-pause webcam icon, seen above.

### 6.3 View the Active Display

The Active Display can be viewed by selecting the 'View Active Display' icon above. This will allow the attendee connected via the Web Client to view the current Active Display within Chrome.

## 7. Settings

The settings menu offers control over Montage's features, and enables the customisation of network settings, such as changing the SSID or password.



To access the settings menu, click or tap on the top left corner of the Montage home screen. The above drop down will appear – tap or click on Settings.

The settings are arranged into 4 sections:

**About** – To view general information on your Montage unit: Montage version, Serial Number, Network name and SSID.

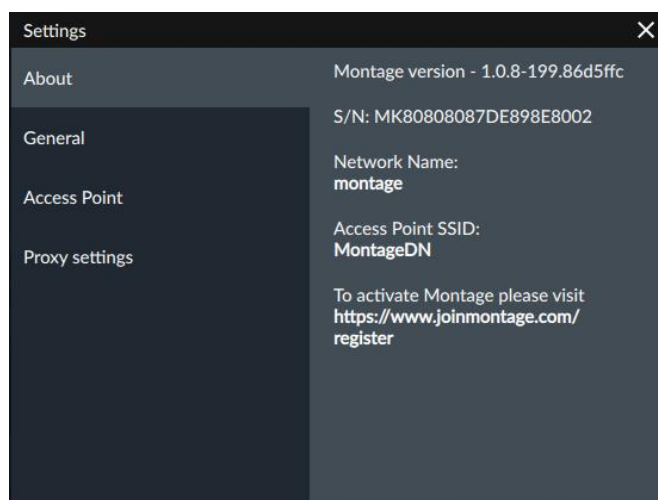
**General** – To modify features, such as cloud connectivity, file sharing, iOS and Miracast® receiver settings, or to set a PIN for extra security.

**Access Point** – Enable or disable the Access Point or change wireless settings.

**Proxy Settings** – Change the proxy settings.

Please note, after changing settings the Montage unit will automatically reboot for the changes to take effect.

### 7.1 Montage information



The About tab in the settings contains information about the Montage Unit.

**Montage version:** The version of Montage currently running on the Montage unit. The Montage unit will check for updates automatically if connected to the Internet. Any available updates will be notified in the Status Bar, giving the option to install if required.

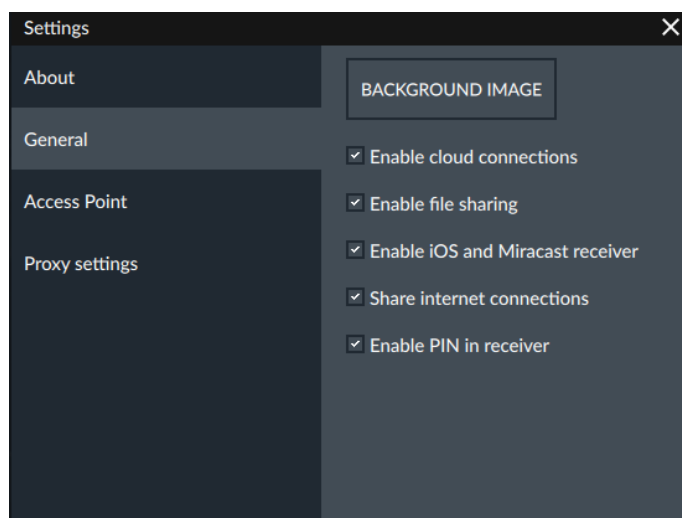
**S/N:** The Montage Serial Number. This will be needed to register the unit at <http://joinmontage.com/register>

**Network name:** The network name that will show on devices connecting by Miracast® or Airplay®.

**Access Point SSID:** The network name that is broadcast to Wi-Fi devices.

## 7.2 Changing Montage features

The general tab of the Settings screen allows for individual Montage features to be enabled or disabled.



**Enable cloud connections:** Allows attendees to connect over the internet connection (internet connection required). Uncheck to only allow attendees from the local network.

**Enable file sharing:** Allows attendees to share files.

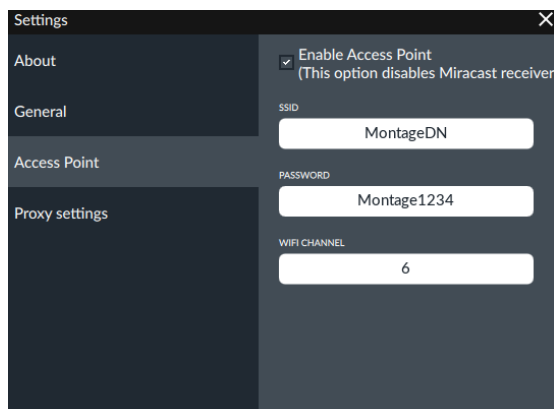
**Enable iOS and Miracast® receiver:** Enable or disable iOS mirroring and Miracast®. This will disable Miracast even if the Access Point is disabled (see point iii).

**Share internet connections:** If the Montage unit is connected to a network, this setting allows control of whether an internet connection is shared with attendees connected to the Access Point.

**Enable PIN in receiver:** Enable a PIN for additional security. Note: The PIN will automatically be activated if the box is connected to the internet.

## 7.3 Changing Access Point settings

Settings relating to the Access Point can be found under the Access Point section of the Settings screen.



**Enable Access Point:** This controls whether the Montage unit broadcasts a network for your attendees to join. If you wish to connect an Android device using Miracast, this option **must** be unchecked.

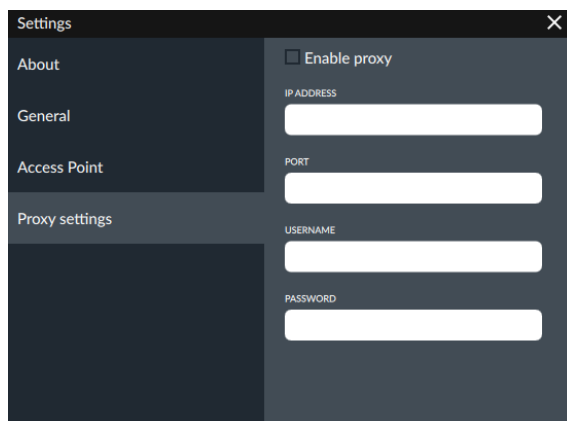
**SSID:** The name of the Access Point on the Montage unit. A USB keyboard can be plugged in to amend this, if required.

**Password:** The password required to connect to the Access Point. A USB keyboard can be plugged in to amend this, if required.

**WiFi Channel:** Change the channel to optimise WiFi performance of Wireless signal from the Montage Access Point. Insert a value between 1-11.

## 7.4 Changing Proxy settings

In the Proxy Settings tab, it is possible to configure Montage to work with a Proxy server, if required – enter the details in the fields and select 'Enable proxy'. A network administrator may be required to provide these details.



## 8. Support

Need some help? We have a number of resources, including an FAQ and support tutorials available on our Montage support pages.

**Visit:** <http://displaynote.com/montage/support/>

**Email:** [montage.support@displaynote.com](mailto:montage.support@displaynote.com)