



KRAMER ELECTRONICS LTD.

# USER MANUAL

MODEL:

**VIA Collage**

Collaboration Hub

[For Firmware Version 1.5]

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P/N: 2900-300403 Rev 1 B



## VIA COLLAGE **QUICK START GUIDE**

### For Installer

This guide helps you install and use your product for the first time.

For more detailed information, go to <http://bit.ly/Kramer-VIA-collaboration-hub> to download the latest manual or scan the QR code above.

#### **STEP 1:** Check What's in the Box

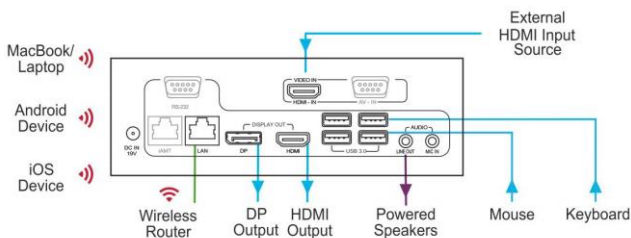
1. **VIA Collage** Collaboration Device
2. Power supply (19V DC) with power cords
3. Quick Start Guide
4. DP to HDMI Adapter

#### **STEP 2:** Install the VIA Collage

Place the **VIA Collage** on a table or mount in a rack with optional adapter RK-COLLAGE.

#### **STEP 3:** Inputs and Outputs at a Glance

Always switch off the power on each device before connecting it to your **VIA Collage**.



Always use Kramer high-performance cables for connecting AV equipment to the **VIA Collage**.

#### STEP 4: Connect the Unit

- Connect keyboard and mouse
- Connect your main display (dual displays are optional)
- Connect a Local Area Network (LAN) cable for connection to your network or use a router for connection to Wi-Fi
- Connect the power supply
- Turn on the device

#### STEP 5: Configure VIA Collage

Open the **VIA Collage** menu and click on Features, then on Settings.

Enter password: viaadmin.

The Settings Menu tabs are:

- LAN Settings – Configure your network parameters and apply settings
- Room Name/Code – Manage room code and name preferences
- Configurations – Activate/deactivate PiP, media mode and other options
- System Controls – Manage your display and audio settings, run control panel, etc.
- Wallpaper – Insert a custom wallpaper image
- Third Party Apps – Install/remove third party software applications
- Authentication – Activate presentation mode and define moderator/participant settings
- Streaming Server – Configure your IP streaming server address

After settings are defined, click on reboot button to apply all settings.

For more details, read the Settings section in the user manual.



## VIA COLLAGE **QUICK START GUIDE**

### For User

#### **STEP 1: Connect Your Device to the Proper Network**

Connect your device to the same network used by Kramer **VIA Collage** in the specific meeting room (either Wi-Fi or LAN).

#### **STEP 2: Run or Download the Application**

##### **MAC or PC**

1. Navigate to the embedded Web page of **VIA Collage** by entering the Room Name of the VIA into your computer's browser.
2. Select **Virtual Run** to execute the application only (intended for guests who will be using the VIA once) or select **VIA Installer** to install the VIA application on your computer (intended for regular users of the VIA).



Welcome to VIA Collaboration Hub,  
please download the latest **VIA Application**



Virtual Run



VIA Installer

##### **iOS / Android**

1. Download and install the free VIA App from Apple's App Store or Google's Play Store. Use the QR code above.

#### **STEP 3: Login**



Room Name	192.168.11.67
Nickname	dave
Room Code	0002
<b>Login</b>	

**Room Name:** Copy the room name as appears in the wallpaper (IP Address).

**Nickname:** Enter a name for your device.

**Room Code:** Enter a 4-digit code as it appears in the wallpaper.

**Login:** Press Login to join the meeting.

## STEP 4: Main Menu



Click on Step-in™ to put your screen up front and on Participants to see who else is connected.

## STEP 5: Features



**Wireless Connection**  
Bring your own device (BYOD) and join the session through wireless connection. No dongle is needed.



**MultiMedia**  
Share smooth full motion video (up to 1080p/60), Mp3 files, and photos.



**Cloud**  
Drag and drop files to the cloud to share instantly with everyone in the meeting.



**File Transfer**  
Share a file with one or several collaborators.



**Whiteboard**  
Create, annotate, illustrate, review or highlight the current display.



**Start Collaboration**  
Click to collaborate through a common display, using your own device. Multiple users can interact and control what's happening on the main display at the same time.



**Enable Control**  
Give a participant control over the presenter's MAC® or PC laptops.



**Chat**  
Send a message to a colleague in the meeting.



**Web Browser**  
Open a browser for presenting any content directly from a website.



**View Main Display**  
View the main screen on your own device.



**Third Party Apps**  
Supports office applications and conferencing programs such as Skype®, WebEx®, Go To Meeting®, Lync® and more.



**HDMI Input 1**  
Connect any external HDMI source (cameras, DVD, Blu-ray™) and present it over the main screen view.





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# 1 Introduction

Welcome to **VIA Collage**!

**VIA Collage** is Kramer's unique, powerful wireless presentation and collaboration hub. It converts any display at any location into an interactive meeting point, and it works with a wide range of presentation devices from desktop and notebook computers to tablets and smartphones.

Each participant in a **VIA Collage** session can quickly view, edit, annotate, comment, and share content with other participants. Participants can share their ideas through the primary screen, or break off with others into smaller groups during a meeting.

The **VIA Collage** integrates seamlessly with any organization's current IT infrastructure, converting any projector or screen into a networked device that users can share and view on their current devices. Every local connection to **VIA Collage** is wireless, free of dongles, cables, and other compatibility peripherals.

Key features of **VIA Collage**:

- Login using conventional Wi-Fi or LAN connections, no dongle needed
- Provides true HD 1080p/60 video streaming
- Supports Windows laptops and MAC®, as well as iOS and Android mobile operating systems
- Compatible with all common Web browsers
- Up to 255 users can be logged in simultaneously
- Up to 12 participant screens can be displayed simultaneously on dual screens (six on each screen).
- Supports popular third-party conferencing programs
- Touchscreen compatible with whiteboard and full annotation controls

## 1.1 Applications & Features

Present, share, chat, send and receive files, hold sidebar conversations, annotate, edit, and save copies of all your work, just as you would with a whiteboard or flip chart...except that you can do it all from your notebook computer, tablet, and smartphone.

Here are just a few of the things you can do with **VIA Collage**:

Up to six different participant screens can be shown at the same time. **VIA Collage** automatically sizes each screen to the maximum available resolution, displaying tiles for two or more screens. Finished sharing? Tap Step-out to disconnect.

Chat and Share a file: Need to ask a meeting participant a question? Click on their screen name and send them a text message with complete privacy. Windows and Mac PC users can also share files between themselves or the main presenter, all at the click of a mouse.

Control a participant's computer: Need to access files or play back a presentation from a participant's PC? Simply click Enable Control on the PC, and its cursor can be controlled remotely to launch programs and play media.

Multimedia: Sometimes it's just easier to explain your ideas with a video. Simply click the Multimedia tab on your device's screen and you can load and display JPEG images (all operating systems) and play MP4 videos (Windows and Mac PCs and iOS devices only). You can also display and share PDFs from any logged-in device.

## 1.2 VIA Collage Controls and Connections

This section defines **VIA Collage**.

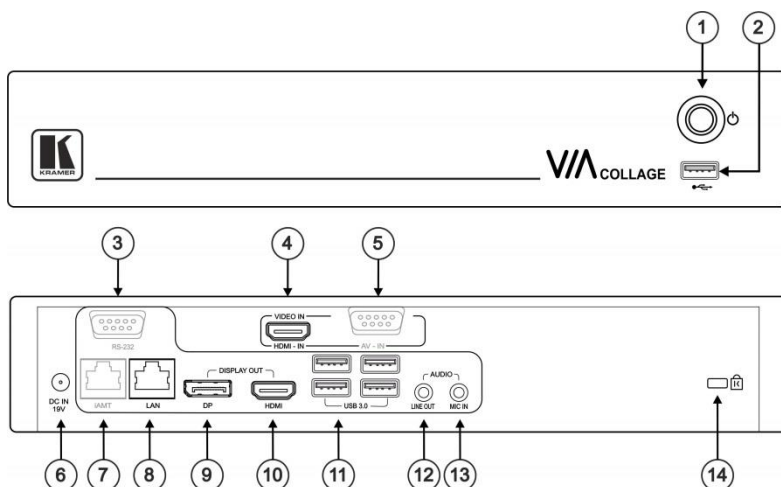


Figure 1: VIA Collage Collaboration Hub

#	Feature	Function
1	Power Button	For turning the machine on and off
2	USB Connector	For upgrading firmware or connecting a USB device
3	RS-232 Connector	Not in use
4	VIDEO IN HDMI-IN Connector	Connects to an HDMI source
5	AV – IN RS-232 Connector	Not in use
6	DC IN 19V Connector	Connects to the 19V DC power supply
7	iAMT RJ-45 Connector	Not in use
8	LAN RJ-45 Connector	Connects to a wireless router
9	DISPLAY OUT DP Connector	Connects to a DisplayPort display
10	DISPLAY OUT HDMI Connector	Connects to an HDMI display
11	USB 3.0 Connectors	Connect to up to four USB devices
12	AUDIO LINE OUT 3.5mm Mini Jack	Connects to an unbalanced stereo audio acceptor
13	MIC IN 3.5mm Mini Jack	Connects to a microphone
14	Lock Opening	Connects to a security locking cable

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## 2 Setting Up VIA Collage



Always switch off the power to each device before connecting it to your **VIA Collage**. After connecting **VIA Collage**, connect its power and then switch on the power to each device.

To connect the **VIA Collage** as illustrated in the example in [Figure 2](#) you need:

- A **VIA Collage** Wireless Collaboration Hub
- A display (projector, monitor, or screen). NOTE: A touchscreen display is best for annotation
- A Local Area Network (LAN) cable for connection to your network. For wireless network connectivity, use a commercial wireless router

The following client devices can be used with Kramer's **VIA** collaboration hub:

- A Windows 7/8® (32-bit/64-bit) computer
- A Macintosh® computer, using OSX 10.6.5 or newer (version 10.6.8 recommended)
- An iPad/iPhone® tablet/smartphone with the **VIA Collage** app installed (iPad 2 or later, iOS 5 or later, iOS 6.0 recommended)
- An Android® OS 3.2 tablet/smartphone with the **VIA Collage** app installed

These optional add-ons can enhance your **VIA Collage** system:

- A USB or HDMI camera for distant participants connecting through Lync®, Skype®, GoToMeeting®, or WebEx®
- A conferencing speakerphone for remote communication as well as audio playback of content being shared on the display
- A Kramer **SID-X3N** 4-input multi-format video-over-HDMI transmitter & step-in commander can also be used to expand the number of local video sources through the **VIA Collage** HDMI input.

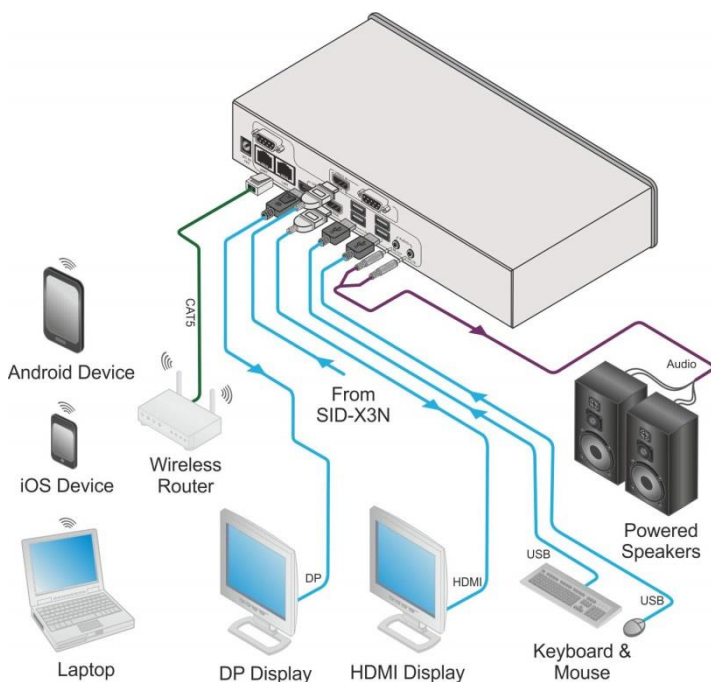


Figure 2: Connecting the **VIA Collage** Collaboration Hub

## 2.1 Connecting VIA Collage to a Display

**VIA Collage** is equipped with dual display output connections.

- The HDMI connection can be used with any compatible projection or direct-view display, such as an LCD monitor. This connection carries embedded audio, and can also be routed and switched just like any other HDMI connection
- The DisplayPort connection can be used with compatible projection or direct-view displays. Unlike the HDMI port, the DisplayPort jack does not carry embedded audio and requires a separate audio connection

**VIA Collage**'s internal video card reads the Extended Display Identification Data (EDID) for any connected display and sets the optimum display resolution and image refresh rate automatically through the HDMI and DisplayPort jacks.

For full functionality, **VIA Collage** must be connected to a local area network (LAN). You must assign an IP address to the **VIA Collage**.

NOTE: To allow participation in a collaborative session (send and receive content), connect the **VIA Collage** hub and all participant devices (PCs/ MACs/ smartphones/tablets) to the same network (LAN - wired/wireless).

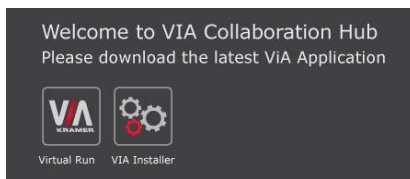
The **VIA Collage** hub receives user's display/screen information and multimedia files from their device (laptop/tablet/smartphone) and sends them to the collaboration display (the display connected directly to **VIA Collage** hub unit).

## 2.2 Downloading and Running VIA Collage Software

All participants in a meeting must download and run either the Kramer **VIA** executable file (PC, Mac) or the appropriate Android/iOS app.

To access the PC and Mac executable files:

- Open your Web browser and enter the IP address for your **VIA Collage** unit
- Your Web browser recognizes your OS (MAC/Windows) and directs you to the correct client software
- Choose from following two options:



- To run the VIA app virtually (without installing on your computer), select "Virtual Run". Once downloaded, locate the file on your computer (under "Downloads") and click to launch it. The **VIA Collage** login screen appears
- To permanently install the VIA app, select "VIA Installer". It downloads an .exe file to your computer and asks if you want to run this file. Click **Yes** and follow the Setup instructions. The VIA app is saved to the KRAMER folder on your C: drive. You can create a shortcut and drag it to the desktop for easy access.

For tablets and smartphones, the Kramer **VIA** app is found in the App Store (iOS) and Google Play (Android). Download the app to your tablet/phone and install.

When the app is run, the following screen appears:

## 2.3 Logging In to VIA Collage

### Windows and Mac OS

- Choose a username (nickname) for your device (any mix of letters and numbers) then enter it on the login screen
- Next, enter the room code, seen on the lower right part of the screen. This lets you access **VIA Collage**

### iOS and Android

- First, enter the IP address for the **VIA Collage**. This is found on the main display screen in the lower left
- Next, choose a username (nickname) for your device (it can be any mix of letters and numbers) then enter it on the login screen of your device
- Finally, enter the room code as seen on the lower right part of the screen. This lets you access **VIA Collage**. Now, you're ready to go!

### 3 VIA Collage Functions and What They Do

**VIA Collage** presents two types of screens depending whether it is being used by the Admin or by a User. The following screen shots illustrate both types.

The illustration below shows the **VIA Collage** main Admin screen and its functions:

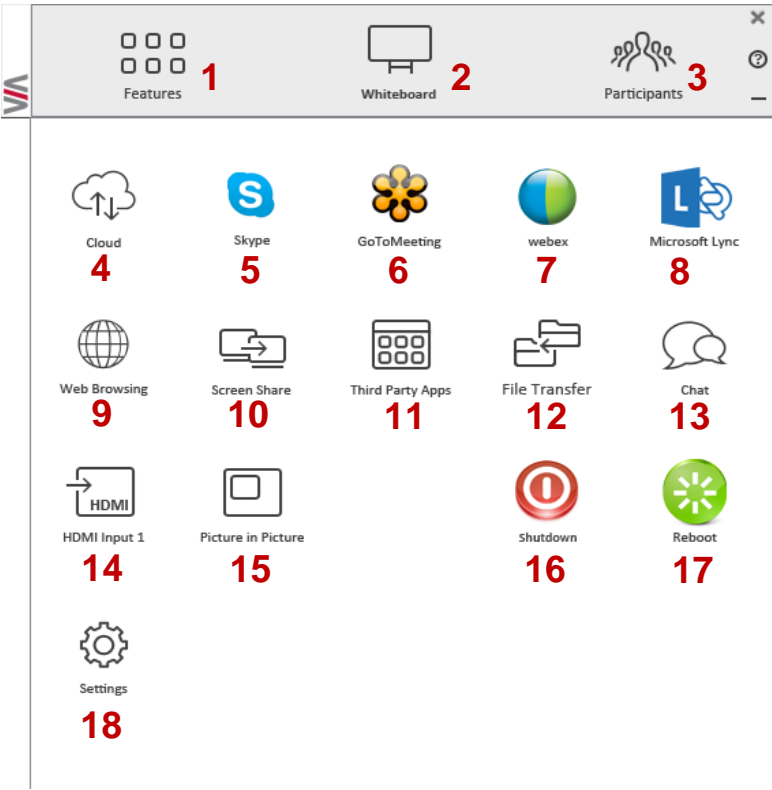


Figure 3: **VIA Collage** Admin Features

Item	Icon	Action
1	Features	Allows user to see and access all available features of <b>VIA Collage</b>
2	Whiteboard	Opens a canvas to annotate, draw, and update document collaboratively over a live stream
3	Participants	Provides a list of all participants in the session
4	Cloud	Open the Cloud and all the files saved or shared between participants
5	Skype	Starts Skype video conferencing tool
6	Go to Meeting	Starts a GoToMeeting session
7	WebEx	Starts a WebEx session
8	Microsoft Lync	Opens Lync client for audio and video conferencing
9	Web Browser	Opens the browser at the <b>VIA Collage</b> gateway to present any content directly from the Web site
10	Screen Share	Pushes a mirror of the <b>VIA Collage</b> collaboration display on the user's devices (laptop, iPad, MacBook, Android tablet). The user can see all the activities of the <b>VIA Collage</b> collaboration display on his system (this feature is called "View Main Display" in the Client menu)
11	Third Party Apps	Shows third-party applications installed and integrated with <b>VIA Collage</b>
12	File Transfer	Shares files between the available participants during the session
13	Chat	Allows sending chat messages among available participants during that session
14	HDMI Input 1	Displays/hides external video source connected to the <b>VIA Collage</b> input
15	Picture in Picture	Switches the external video source (HDMI input) between PIP (Picture-in-Picture) mode and full screen mode
16	Shut Down	Shuts down the <b>VIA Collage</b> system
17	Reboot	Reboots the <b>VIA Collage</b> System
18	Settings	Performs settings on the LAN, configurations related to room code, room name third-party apps, system controls, wallpaper streaming configuration and activation center

The illustration below shows the **VIA Collage** main User screen and its functions:

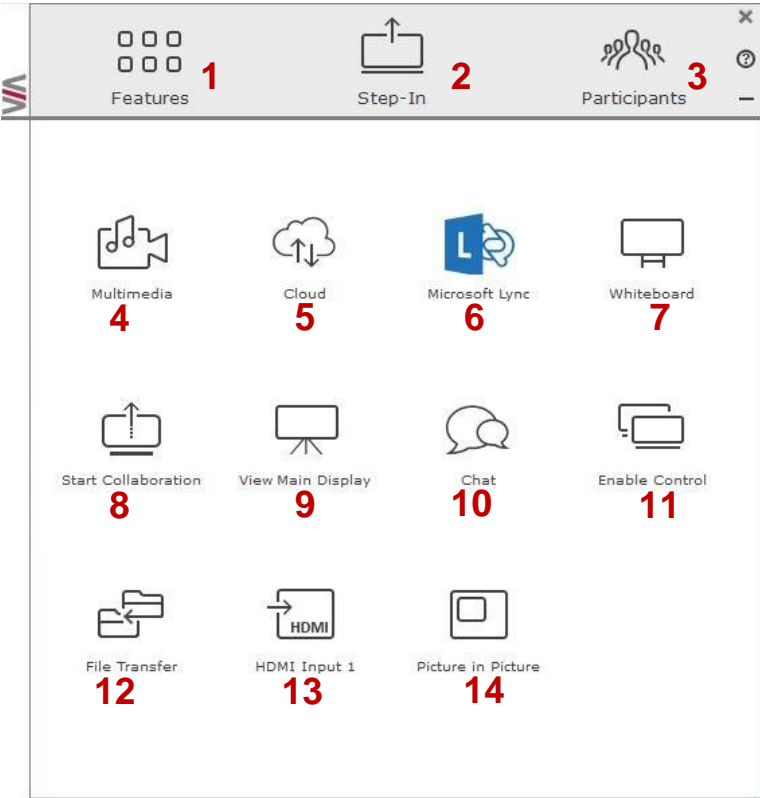


Figure 4: **VIA Collage** Main User Screen

Item	Icon	Action
1	Features	Allows user to see and access all available features of <b>VIA Collage</b>
2	Step-In/ Step-Out	Allows the user to show his device's screen on main display, or to step out
3	Participants	Provides a list of all participants in the session
4	Multimedia	Supports video formats: avi, vob, mp4, mov, mpx (ex. mpg). Shares smooth full-motion video (up to 1080p/60) and photos
5	Cloud	Drag and drop files to the cloud to share instantly with everyone in the session
6	Microsoft Lync	Opens Lync client for audio and video conferencing
7	Whiteboard	Opens a canvas to annotate, draw, and update document collaboratively over a live stream
8	Start Collaboration	Click to collaborate through a common display using your own device. Multiple users can interact and control the main display at the same time
9	View Main Display	Shows a mirror of the <b>VIA Collage</b> collaboration display on the user's devices (laptop, iPad, MacBook, Android tablet). The user can see all the activities of the <b>VIA Collage</b> collaboration display on his system (this feature is called "Screen Share" in the Admin menu)
10	Chat	Allows sending chat messages among available participants during that session
11	Enable Control	Gives participants control over the presenters Mac or PC laptop
12	File Transfer	Shares files between the available participants during the session
13	HDMI Input 1	Displays/hides external video source connected to the <b>VIA Collage</b> input
14	Picture in Picture	Switches the external video source (HDMI input) between PIP (Picture-in-Picture) mode and full screen mode

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## 4 Using VIA Collage

**VIA Collage** is a powerful and versatile collaboration hub that gives participants a wide selection of presentation tools. In this section, we'll look at each of those tools and discuss briefly how it works.

### 4.1 VIA Collage Main Menu

This section refers to the user's experience.

The **VIA Collage** User main menu has three tabs across the top – Features, Step-In/Out, and Participants.

- Clicking on the Features tab on the main menu allows the user to see and access all available functions of **VIA Collage**
- Clicking on the Step-In tab on the main menu displays your PC/device screen on the main screen. Clicking Step-Out removes your device screen from the main screen
- Clicking on the Participant List tab reveals a list of all participants in the session

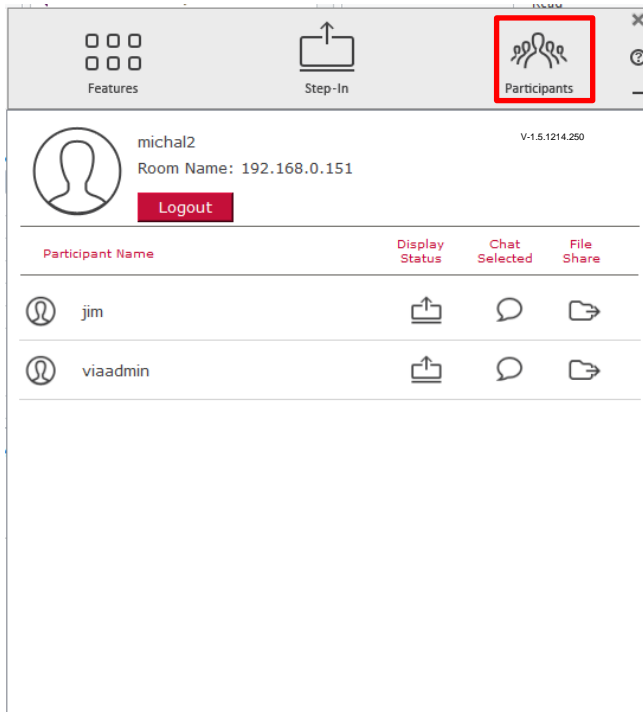






Figure 5: The Participant List

Under Participants, the following icons are used:

Item	Icon	Meaning
Display Status		Start a presentation at a display
		The user is currently presenting
Chat Status		Start a chat session with any available participants
		The participant is currently chatting with you. Click to open the chat session

Item	Icon	Meaning
File Transfer		Start a file transfer with another participant
		File transfer is already active with that participant
Enable Control		Take control of any user while the user is displaying
		Admin has the control of that user

## 4.2 Enabling Control

This function allows the admin to take control of a participant's PC (Windows or Mac OS). (In our example, [Figure 6](#), user *Dave* has stepped in and the Admin has taken control of *Dave*):

The admin can work on Dave's system as he has taken control. (Admin can play media or work on a document or presentation file collaboratively with *Dave*).

Any other participant who wants to take control or collaborate with *Dave's* system can click on the Start Collaboration icon and drag his laptop mouse to the top and off their local screen. That cursor now moves to the **VIA Collage** unit and appears on the main display of Dave. Buttons are shown in the picture below:

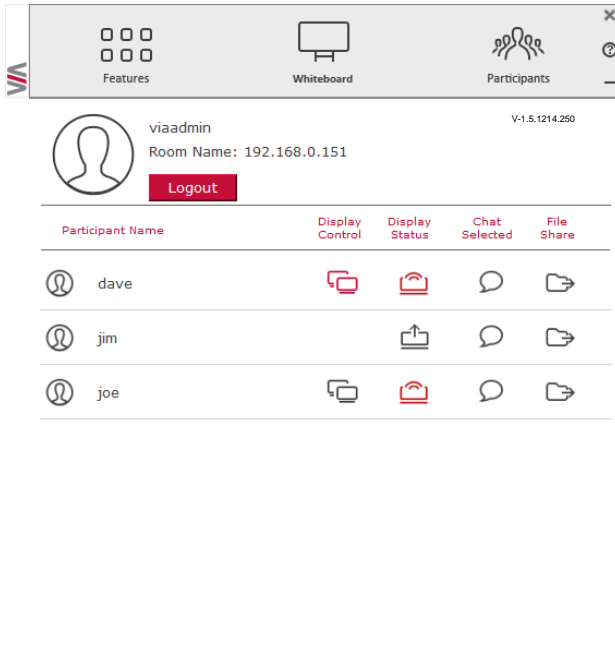



Figure 6: Enable Control

## 4.3 Chatting with Participants

The admin or user can start a chat session to exchange text messages between users.

To initiate a chat session:

- Go to the participant list and click the chat icon  for the desired participant. The chat window opens and you can chat with selected participant:

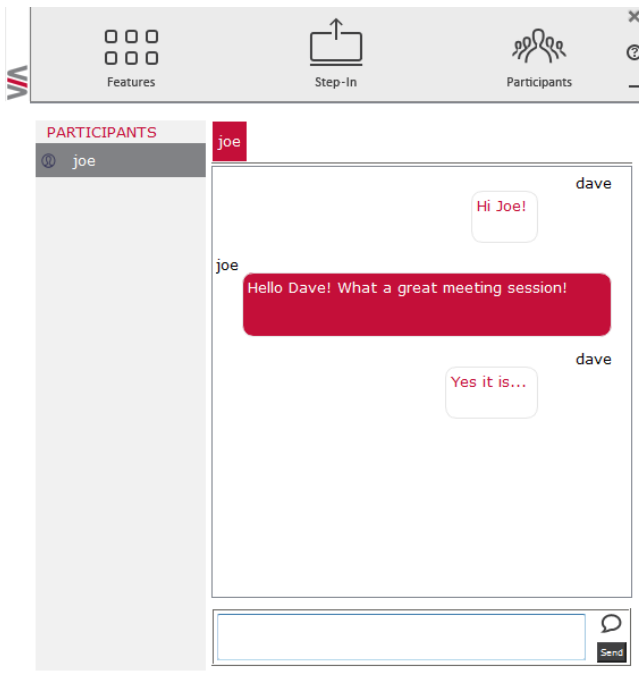


Figure 7: Chat Window

In the chat window, the participant's name is at the left side of the window and your chat messages are on the right side.



The user can check for active chat sessions by going to *Features > Chat*



## 4.4 Sharing Files

**VIA Collage** can transfer files between PC/Mac logged in users.

To share a file:

- Go to the participant list and click on the file share icon  for the desired participant with whom you wish to share a file.
- In the cloud directory, select the desired file on your device. Then, click Share 

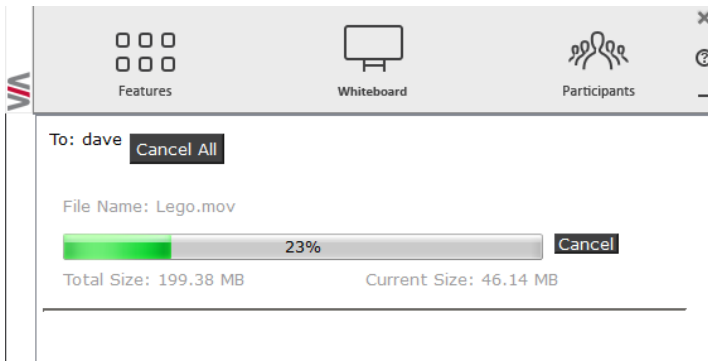


Figure 8: Admin File Sharing

The target participant needs to select a location to save the file and start the file transfer process. Once completed, the file is saved on that participant's system.

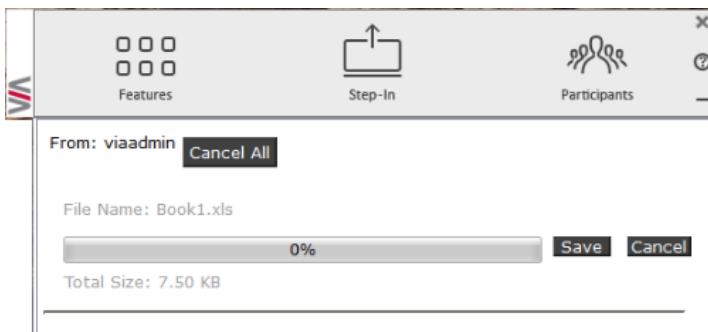


Figure 9: User File Sharing

When completed, the file is saved at receiver's system.


You can check or cancel currently sharing file from *Features > File Transfer*.



## 4.5 Accessing Cloud Data

The cloud is used to access all data that has been shared by participants using **VIA Collage** hub.

To access cloud data:

- Click on *Features* and then click on the cloud icon  to go to the Cloud directory where all the users' shared files were saved.

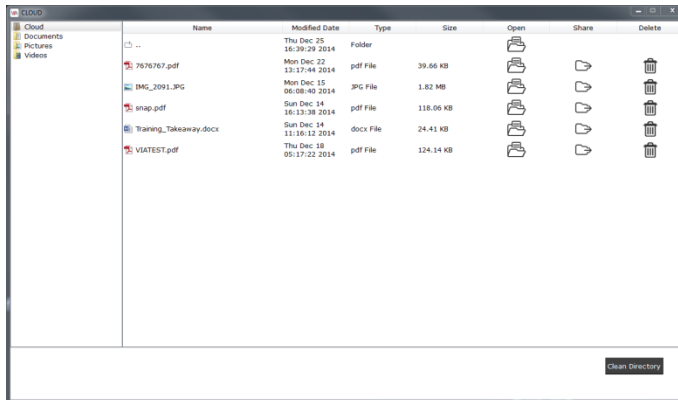



Figure 10: Shared Files on the Cloud

- To delete **one single file** from the cloud directory, click on the **Trash** icon . A warning note appears that this is a permanent deletion.
- To delete **all files** from the cloud directory, click on **Clean Directory**. A warning note appears that this is a permanent deletion.

## 4.6 Whiteboard Collaboration

The whiteboard function creates a canvas on the **VIA Collage** hub. With whiteboard, you can:

- Access a wide range of drawing and annotating tools
- Comment on any content shown on screen
- Insert any kind of images
- Annotate on an extended desktop

To open the Whiteboard:

- Go to the main menu and click on the Whiteboard icon. This starts a whiteboard session on **VIA Collage**.

### 4.7 Whiteboard Functions

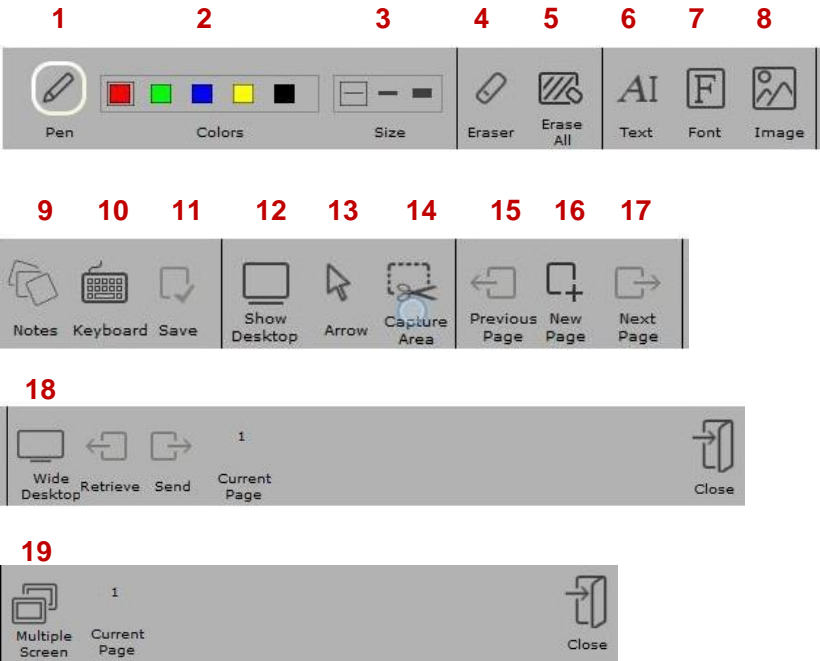


Figure 11: Whiteboard Toolbar

Item	Icon	Action
1	Pen	Enables drawing on the whiteboard
2	Color	Changes the color of the line with various available colors
3	Size	Chooses the line thickness
4	Eraser	Erases your annotations
5	Erase All	Cleans the page
6	Text	Inserts text on your whiteboard page
7	Font	Changes the text font of your whiteboard page
8	Image	Inserts an image at your whiteboard page
9	Notes	Creates comments or remarks about your annotation on your whiteboard page
10	Keyboard	Opens a virtual keyboard to insert text on your whiteboard

Item	Icon	Action
11	Save	Saves all your activities either as PDF or as JPEG format
12	Show Desktop	Displays your desktop with all running applications. The user can also annotate at the running application using the desktop stylus
13	Arrow	Selects any object or image
14	Capture Area	The mouse pointer turns into a plus sign. Click the upper left corner of the area you want to capture and drag along the screen to the limit of the capture. The selected area is displayed in gray. The area is then included in the current or new page as an object
15	Previous page	Moves to previous page (when multiple pages added)
16	New page	Creates a new page or to add a new page
17	Next page	Moves to next page (when multiple pages added)
18	Wide Desktop	This icon appears on the whiteboard when two displays are connected to <b>VIA Collage</b> . Using this function, you can send pages from screen 1 to screen 2 and retrieve pages from screen 2 to screen 1. When a participant sends any page to screen 2 and then annotates it on the main <b>VIA Collage</b> screen, those annotations show simultaneously on screen 2. (see <a href="#">Figure 12</a> )
19	Multiple screen	Available when a dual display is connected to <b>VIA Collage</b> . One display can be used for collaboration on the whiteboard and the second can share content from the users. In multiple screens the user can draw on screen 1 and can send this page to screen 2 to show to the audience. (see <a href="#">Figure 13</a> )

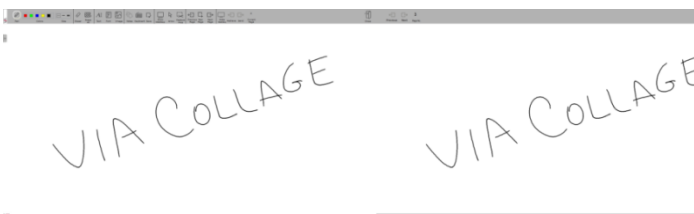


Figure 12: Wide Desktop

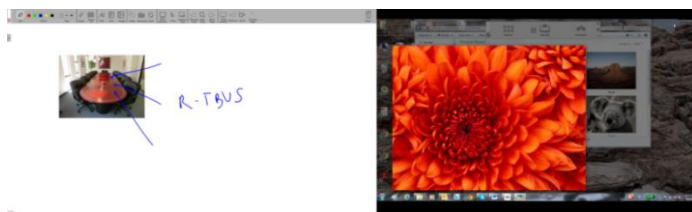












Figure 13: Multiple Screen

### 4.7.1 Show Desktop

Show Desktop allows you to hide the whiteboard and to navigate freely on your desktop. A toolbar is available for making annotations on your desktop and capturing an object. For example, capture an area of the screen and add it as an object in your current page.

Icon	Name	Action
	Whiteboard	Press this button to immediately return to your board page
	Pencil	Writes on the whiteboard
	Eraser	Erases precisely what you have written on the whiteboard
	Selection Tool	Selects any object to move it and apply changes
	Capture Area Tool	The mouse pointer turns into plus sign. Click and drag over the desired area
	Window selection	Directly captures a window and all of its content.
	Notes	Adds remarks or comments about the added annotation at the whiteboard
	Virtual Keyboard	Inserts text on the whiteboard
	Save	Saves your activity in either .jpg or .pdf format
	Exit	Exits the whiteboard

## 4.7.2 Screen Share

Screen Share allows the admin to share his screen with all available users so that the user can see all the activities of the gateway running at their local system only.

To use Screen Share:

- Click on features and then click on Screen Share
- The user sees the collaboration display screen at their system and a check mark is shown on the Screen Share button



Screen Share

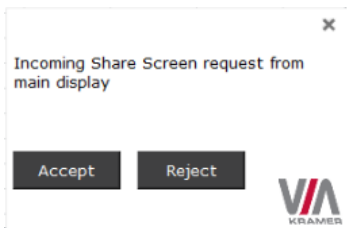


Screen Share



Figure 14: Screen Sharing

Notes: The user is asked to accept to view the shared screen, as shown below.



- To view the main collaboration display on the user's system, the user needs to stop both his display and media.

## 4.8 Showing Content from a Third Party Device

**VIA Collage** gives you the flexibility to show content from any connected third-party device such as a media player, Apple TV, Roku, video cameras with composite video or HDMI outputs, and Samsung's AllShare Play wireless hub, along with your display. You can connect an extra device to **VIA Collage** using the HDMI input, or add an external HDMI switcher to select from multiple third-party devices.

To use this feature:

- Click on Features, then click on Show/Hide output of HDMI Input 1

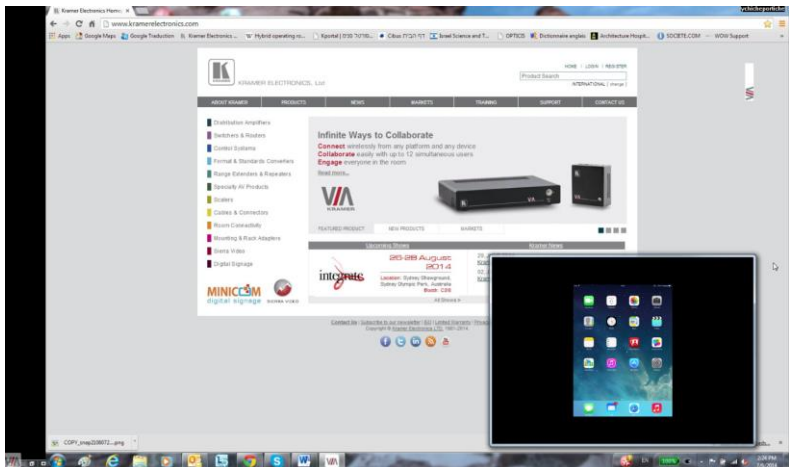


Figure 15: Showing a Third-Party Screen

## 4.9 Picture-in-Picture

The **VIA Collage** Picture-in-Picture feature lets you toggle between full-screen mode and PIP mode for HDMI Input 1.

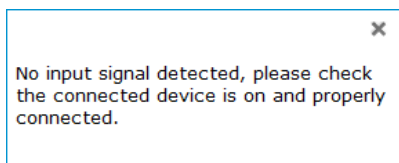
To use PiP:

- Click on Features, and then click on Picture-in-Picture

This toggles the HDMI Input 1 video signal mode between PIP and Full Screen.



If the message shown below appears when HDMI Input is selected, it means that there is no device connected to **VIA Collage's** HDMI input, or a connected device is not turned on. Report this condition to the admin.



## 4.10 Calling with Skype

**VIA Collage** lets you call using Skype to any other Skype user in the world.

To activate Skype:

- Click on Features and click on



This launches Skype and you can login and call/chat with any available contact

## 4.11 Using GoToMeeting

GoToMeeting is integrated with **VIA Collage**, providing you with a simple and powerful way to hold unlimited online meetings. A **VIA Collage** admin can start a meeting and share his screen with any available user, anywhere in the world.

To launch GoToMeeting,

- Click on Features and click on



This takes you to the GoToMeeting website (<http://www.gotomeeting.com/fec/>) where you can download the executable file and start an online meeting

## 4.12 Using WebEx

WebEx is a conferencing program which lets you and others meet online and share files, information, and expertise. WebEx is integrated with **VIA Collage**.

To activate a WebEx online meeting:

- Click on Features and click on the WebEx icon



This links to the WebEx Web site (<http://www.webex.com/>) from which you can download the app and start online meetings.

## 4.13 Using Microsoft Lync

Microsoft Lync provides instant messaging, voice over IP and video conferencing.

To start video conferencing with Microsoft Lync:

- Click on Features and click on



This opens the Microsoft Lync sign-in page. The user can login and start messaging or video conferencing.

## 4.14 Accessing a Web Page

**VIA Collage** can directly launch a Web browser. You do not need to exit **VIA Collage** to open a Web site, or launch a Web-based presentation.

To open the Web browser:

- Click on Features and click on the Web Browsing icon



This opens the default browser (Internet Explorer) through **VIA Collage** and you can navigate to any Web site or online video/presentation file.

Note: In the Web management interface of the settings, you can change the default browser to any one you prefer. For more details, see the Web management settings section.

## 4.15 Settings Menu

The Settings menu is where you configure your **VIA Collage** unit and manage third party applications.

The Settings menu tabs include:

- LAN Settings – configures network parameters
- Room Name/Room Code – manages room code and name preferences
- Configurations – activate/deactivate PIP and media mode, activate/deactivate HDMI input on startup, manage your Cloud directory, etc.
- System Controls – manages your display and audio settings, run control panel, etc.
- Wallpaper – inserts a customized wallpaper
- Third Party Apps – installs/removes third-party software applications
- Authentication – activates presentation mode and define moderator/participants settings

To open the settings page use keyboard and mouse connected to **VIA Collage** unit:

- Click on Features to expand
- Click on Settings. It requests the password for the **VIA** Admin user
- Enter the password “viaadmin”

The Settings screen opens:



Figure 16: Settings Screen

- After settings are defined, click on the Reboot tab to apply all.

#### 4.15.1 LAN Settings

Use LAN settings to change the IP address, DNS and default gateway of **VIA Collage**.



When changing these settings, make sure they are correct. Incorrect values can cause a loss of communication.

To change the IP address:

- Click on LAN Settings
- Enter as required the IP address, subnet mask, default gateway, DNS server 1, DNS server 2

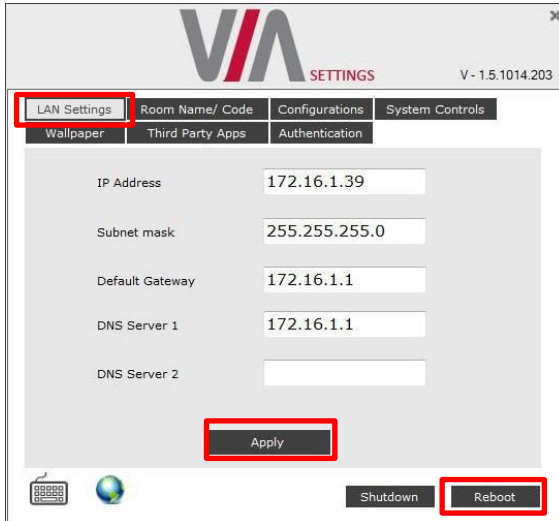


Figure 17: LAN Settings Screen

- When finished, click on Apply Settings
- Click OK at the Confirmation Message
- Click on Reboot to restart the system with the new settings

#### 4.15.2 Room Name/Code Settings

To activate/deactivate Room Code, Date & Time:

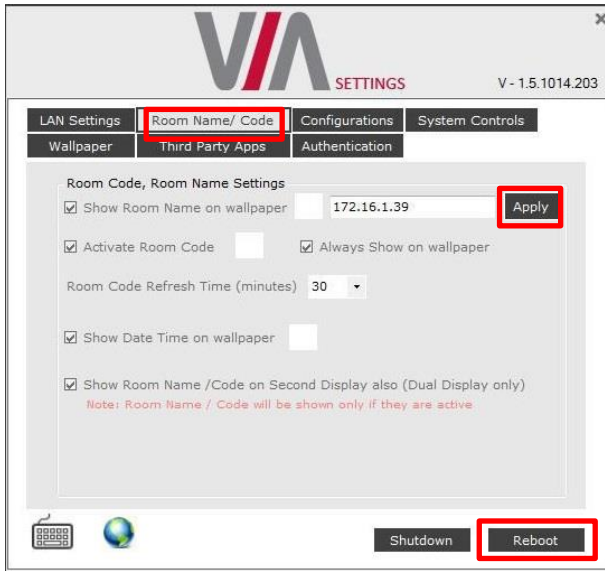


Figure 18: Room/Name Code Screen

- Show Room Name on Wallpaper:** This feature displays the Room Name (a standard IP address) on the **VIA Collage** home screen. By default, it displays the current IP address, but you can change it to a Domain Name System (DNS) name if local DNS services are supported by the network. To change the Room Name, enter the new address or DNS name, then click on Apply and reboot **VIA Collage**. To login any device to the **VIA Collage** client, you must enter the same Room Name in the location field on your device
- Activate Room Code:** The Room Code is a security overlay feature that generates and updates a four digit code. It appears on the lower right of the **VIA Collage** home page. When activated, this code must be entered by any device before logging into **VIA Collage**
- Always show on Wallpaper:** If the room code is activated, it always shows on the wallpaper below the room name, otherwise the room code only shows when logging into any client
- Show Date Time on Wallpaper:** Displays the date/time on the top right of the display

- **Show Room Name / Code on second Display also:** Supported only if there is a second display connected to the **VIA Collage** unit. This feature allows you to show the Room Name on the wallpaper of the second display connected



The color of the text of the room name, the room code, the date and time to show on the background of the **VIA Collage** wallpaper can also be changed in this Settings menu.

### 4.15.3 Configuration Settings

Configuration settings allow the user to change the cloud data path to save cloud data at any desired location. It is also where the user can activate PIP mode or Media mode.

To change configurations:

- Click on Configurations

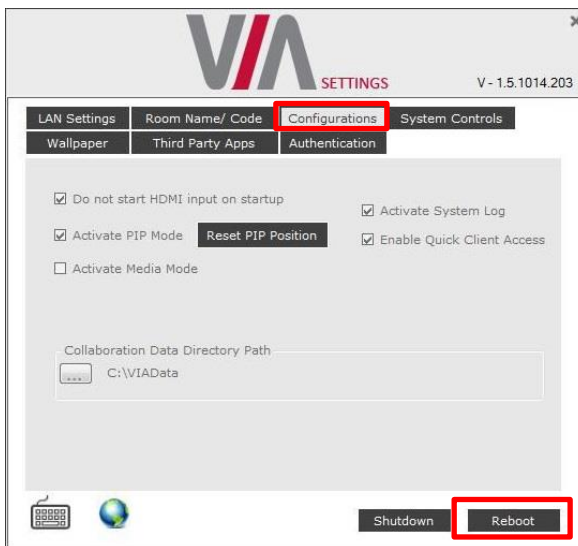


Figure 19: Configurations Screen

The settings include:

- **Do not start HDMI input on startup** – Activate/Deactivate HDMI input when powering the unit on
- **Activate PIP Mode** – Shows the output of the third party device (SID-X3N, Apple TV, Media Player, etc) as a PIP on **VIA Collage**. Otherwise, the output of a third party device is shown as a full screen image
- **Reset PIP Position** – Resets the default PIP position if the size or position of the default PIP window was changed
- **Activate Media Mode** – If multiple displays are connected to **VIA Collage**, the first display is reserved as the media screen. Multimedia files play only on the first display and the presentation shows on the second display
- **Activate System Log** – Activates the logging of all system activity either by the client or the gateway to aid diagnosing a problem with **VIA Collage**
- **Enable Quick Client Access** – Enables a floating icon on the desktop of the **VIA Collage** gateway to open the **VIA Collage** menu. The user can click on this icon and the menu opens
- **Collaboration Data Directory Path** – Sets the path where all data is saved that has been shared over the cloud by other users. By default, the path is to the internal storage of the SSD (64Gb). The user can attach USB storage to **VIA Collage**, can change the directory path as needed, or point to a network location

#### 4.15.4 System Control Settings

System controls access the control panel, audio settings, display settings, task manager, system health and log files of the **VIA Collage** unit. The log folder is only available if system logging is activated from the configurations tab of settings.



Figure 20: System Control Screen

The **VIA Collage** unit is pre-activated by Kramer. If your unit needs to be re-activated, contact Kramer Technical Support.

#### 4.15.5 Wallpaper Settings

This feature allows any corporation or institution to change the default screen to match their branding and in-room equipment usage instructions.

To change the wallpaper:

- Click on Wallpaper
- Click on Upload Wallpaper
- Select Wallpaper (must be an image file – jpeg, png, bmp) from your system
- Click on Reboot

The background image on **VIA Collage** changes after rebooting



Figure 21: Wallpaper Screen

#### 4.15.6 Third Party App Settings

The Third Party App feature allows the user to add a shortcut to any third party applications already installed on **VIA Collage**. The user can then launch these applications without exiting **VIA Collage**.

The administrator can also install any other third party application that is not available on the system that a user wants to run.

To add a third party application shortcut:

- Click on Third Party Apps
- Click on Add Application Exe File
- Browse to the executable of the application that you want to add as a shortcut, for example go to: C:\Program Files (x86)\Kingsoft\Kingsoft Office\office6 and select wpp.exe to add the shortcut of Word of Kingsoft Office
- Click on Reboot

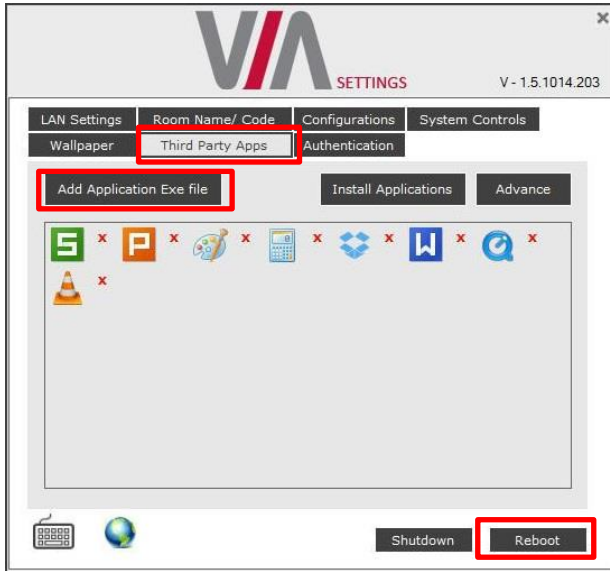


Figure 22: Third Party Apps Screen

The user can also change the icon image and name of the added third party application.

To change the icon image and name of application:

- Click on Advance Advance
- The Set Application Name and Icons page opens
- Click on “Click here” to browse and change the icon image
- Change the application name from “Application Name” field

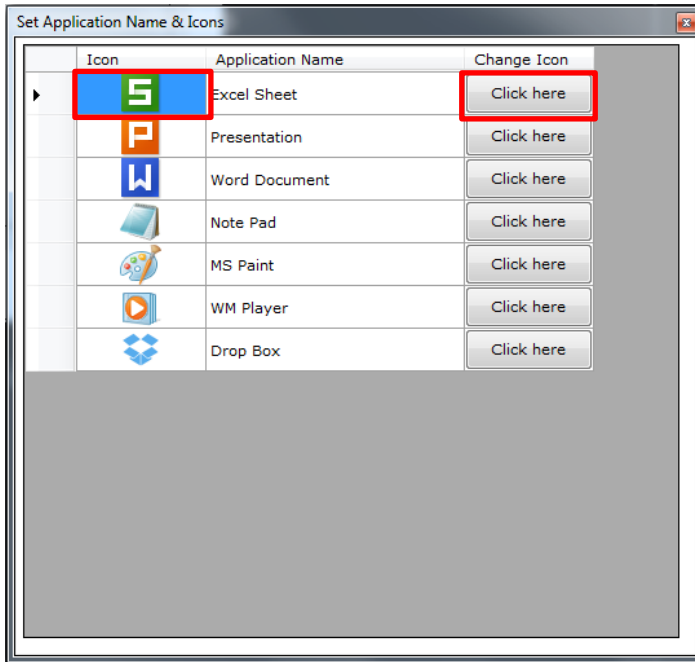
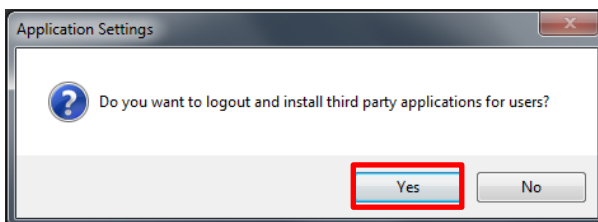


Figure 23: Setting Application Name

- Close this page and the settings page as well.
- Reboot the **VIA Collage** hub

#### To Install a Third Party Application:

- Click on Install Applications
- When asked to logout as a **VIA Collage** user, click Yes



- Login again as an administrator and now you can install any application.  
The default password is “viaadmin”.

Now download any application on your system and install it on the unit. Reboot the system after installation and add the application shortcut under third party apps for future use as explained above.

### 4.15.7 Authentication Settings

In this section, you can activate Presentation (moderator–participant) Mode. In this mode, a participant requires permission from the moderator to use the Step-In function on **VIA Collage**.

To enable Presentation Mode:

- Click on Authentication
- Select Activate Presentation Mode and reboot **VIA Collage** gateway

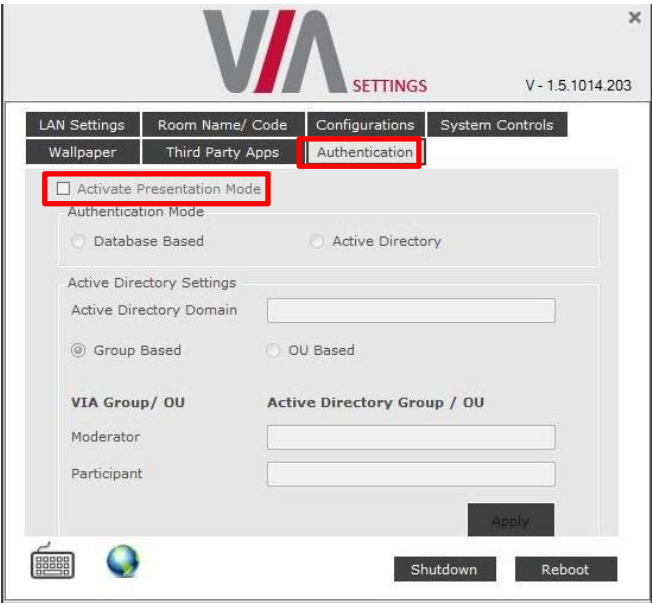


Figure 24: Authentication Screen

There are two default users available to login into **VIA Collage** client in Presentation mode.

Moderator:

- Default user name: su  
Default password: supass

Participant:

- Default user name: user  
Default password: userpass

You can create more users as needed.

To create users:

- Open the **VIA Collage** Web site by entering the **VIA Collage** IP address in any Web browser (or open a browser from any client PC connected to same network and enter VIA Collage IP address)
- At the top, login with default moderator username (supass). The moderator can create a database of participants by assigning a Username, Password and Role (Moderator or Participant) to each one of them, as shown in [Figure 25](#) below

The screenshot displays the VIA Collage web application interface in Moderator Mode. On the left, a sidebar menu contains the following items: 'User Management' (highlighted), 'Add User', 'User List', 'Change Password', 'VIA Management', 'Utilities', 'Home', and 'Logout'. The main content area features a 'Add User' section with three input fields: 'User Name', 'Password', and 'Confirm Password'. Below these fields is a checkbox labeled 'Web Administrator' and a 'Save' button. At the bottom of the page, the text 'VIA Version 1.5.1214.238' is visible on the left, and 'Copyright © 2014. All Rights Reserved. KEAMEB.' is on the right.

Figure 25: Moderator Mode

Now any user who was created by the moderator can get permission to join the session.

It is also possible to select one or more users to be “Web Administrator”, with the ability to change the settings from the Web administration interface.

To login into the **VIA Collage** client when Presentation Mode is activated:

- Open the **VIA Collage** client and enter the location (IP address of the **VIA Collage** gateway)
- Enter user name and password (as defined by moderator)  
Now you see the Room Code field.
- Enter the room code (if Room Code is activated)
- Click on Login

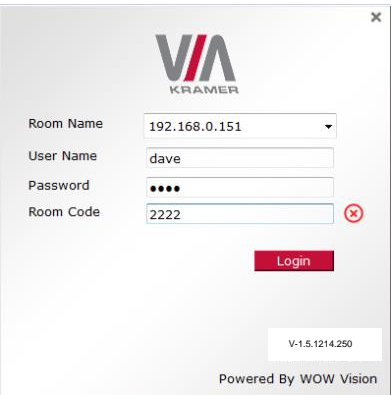


Figure 26: Login Screen When Moderator Mode is Active

To start a presentation:

- Click on “Step-In” and **VIA Collage** sends a request to the moderator for display permission

user is requesting for display

- The moderator clicks on “Allow” to start the participant's presentation on the collaboration display  
The presentation is now visible on the **VIA Collage** main display

**Note:** The moderator can "Step-In" at any time without permission.

#### 4.15.8 Managing Settings from the VIA Web Management Interface

To manage settings using the Web browser:

- Open the Web browser and enter the IP address for your **VIA Collage** unit
- Enter user name “su” and password “supass”.
- Click on VIA Management tab to access the Settings menu.

**VIA**  
KRAMER

Welcome 11:50

**User Management**

**VIA Management**

**Network Settings**

Wallpaper

Configuration

Authentication

Gateway Features

Client Features

Utilities

Home

[Logout]

**Network Settings**

**Device Information**

Gateway IP	172.16.1.39
Subnet Mask	255.255.255.0
Default Gateway	172.16.1.1
DNS Server	172.16.1.1

Apply Settings

**Diskspace Information**

Total Disk Size	58.7 GB
Space Available	36.8 GB

Reboot Shutdown

VIA Version 1.5.1214.238 Copyright © 2014. All Rights Reserved. KRAMER.

Figure 27: VIA Management - Network Settings



Figure 28: VIA Management – Wallpaper

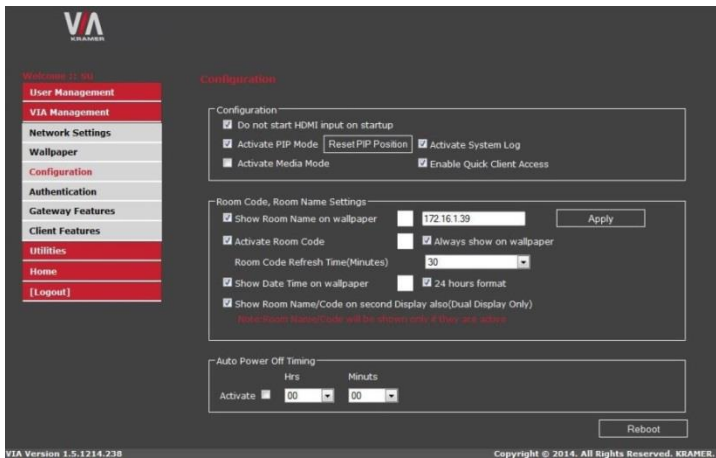


Figure 29: VIA Management – Configuration



Figure 30: VIA Management – Authentication

Manage the features available on the VIA gateway (see [Figure 31](#)):

- Change the default Whiteboard and Web Browsing applications by your preferred ones. Click on the application you want to change and browse your computer to find the one you want to associate as default.
- Remove the features you don't want to offer to the users. Click on the ⊗ on the icon you want to hide. Please note that any removed feature will be just hidden and not deleted. The space allocated to this specific icon will be left blank so you can reorganize manually the order of the icons by simply dragging them to your preferred scheduling. Make sure you click on “Apply” and Reboot your unit to apply these changes.

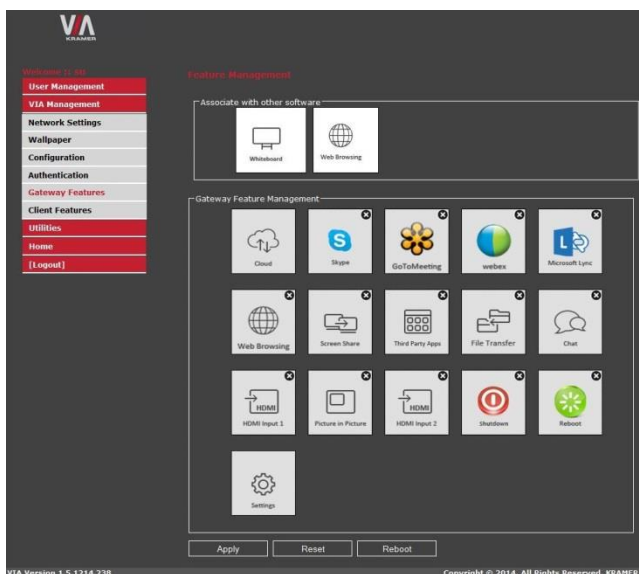


Figure 31: VIA Management – Gateway Features

Manage the features available on the VIA client application (see [Figure 32](#)):

Remove the features you don't want to offer to the users. Click on the ⊗ on the icon you want to hide. Please note that any removed feature will be just hidden and not deleted. The space allocated to this specific icon will be left blank so you can reorganize manually the order of the icons by simply dragging them to your preferred scheduling. Make sure you click on “Apply” and Reboot your unit to apply these changes.

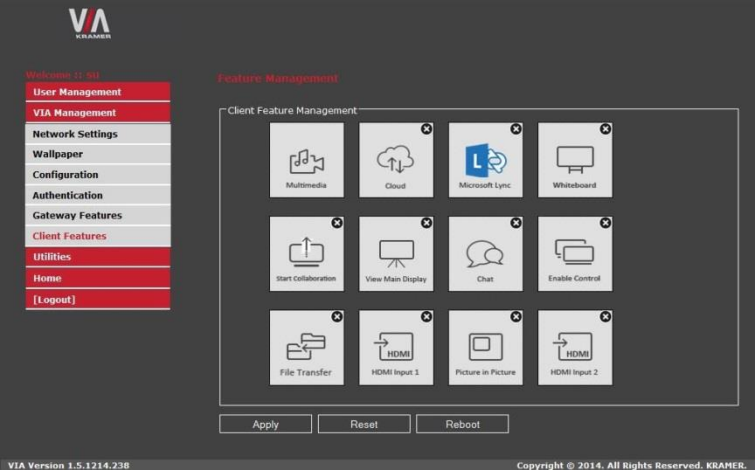


Figure 32: VIA Management – Client Features

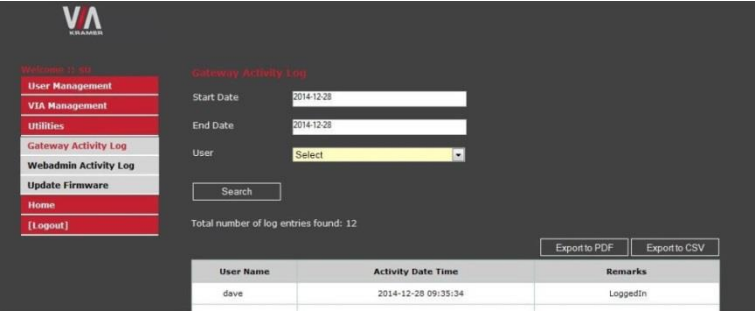


Figure 33: Utilities - Gateway Activity Log

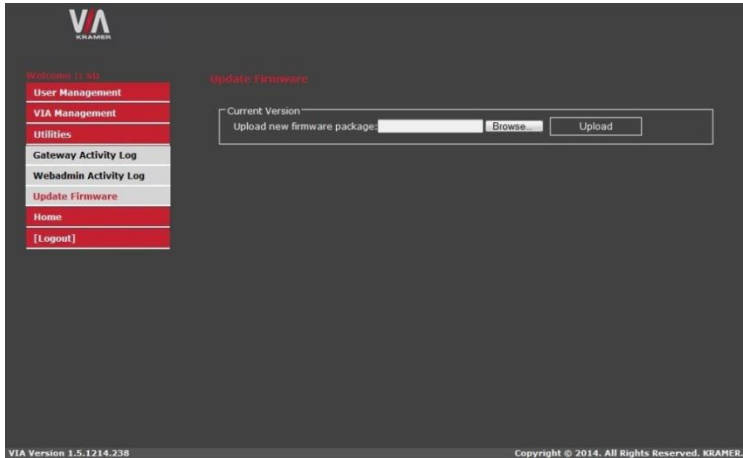


Figure 34: Utilities - Update Firmware

## 4.16 User Experience

**VIA Collage** enables a high level of collaboration in meetings. Participants can share files, chat, edit a common document, or stream full HD (1080p/60) video content. Following is a summary of **VIA Collage** functions:



#### Wireless Connection

Bring your own device (BYOD) and join the session through wireless connection. No dongle is needed.



#### Enable Control

Give a participant control over the presenter's MAC® or PC laptops.



#### MultiMedia

Share smooth full motion video (up to 1080p/60), Mp3 files, and photos.



#### Chat

Send a message to a colleague in the meeting.



#### Cloud

Drag and drop files to the cloud to share instantly with everyone in the meeting.



#### Web Browser

Open a browser for presenting any content directly from a website.



#### File Transfer

Share a file with one or several collaborators.



#### View Main Display

View the main screen on your own device.



#### Whiteboard

Create, annotate, illustrate, review or highlight the current display.



#### Third Party Apps

Supports office applications and conferencing programs such as Skype®, WebEx®, Go To Meeting®, Lync® and more.



#### Start Collaboration

Click to collaborate through a common display, using your own device. Multiple users can interact and control what's happening on the main display at the same time.



#### HDMI Input 1

Connect any external HDMI source (camera, DVD, Blu-ray™) and present it over the main screen view.

Collaboration capabilities have been enhanced with the addition of the popular cloud services:

- Google Drive 
- DropBox 
- SkyDrive 

Link your cloud service (Google Drive, DropBox or SkyDrive) account to your VIA application and enjoy full access to your online documents.

Select one file from your cloud service and select among the following options:

- Open - Open the file on your screen and “Step-In” to share it on main screen
- Download - Create a copy of your online file to easily access it from your VIA Multimedia Feature
- Share - Share the selected file using your preferred mailing service

Alternatively, enjoy the ability to select one file saved in your VIA Multimedia feature (photo, document or video) and choose to upload it to your cloud service account, for later usage.

**Note:** Different devices enable different features depending on the device capabilities. See the following illustrations.

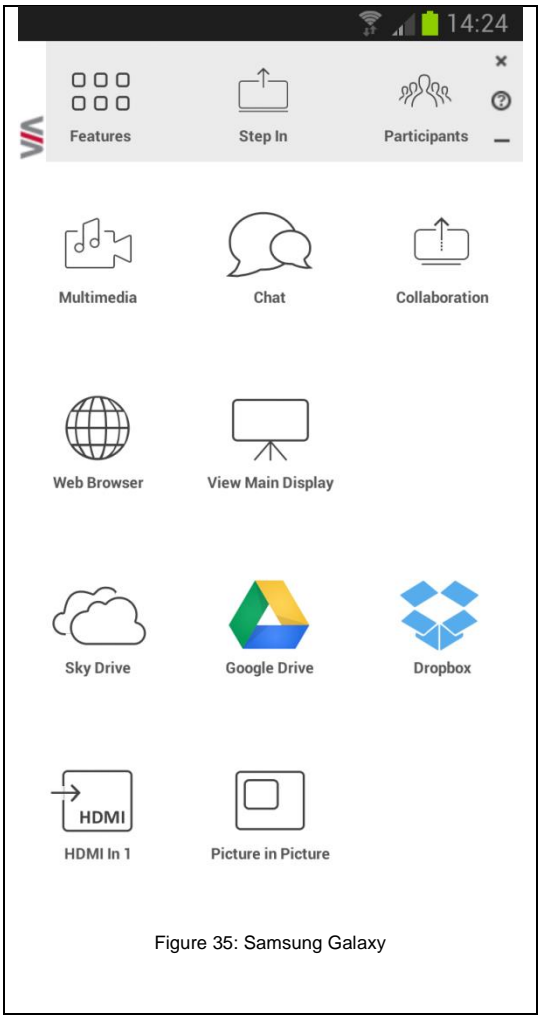


Figure 35: Samsung Galaxy

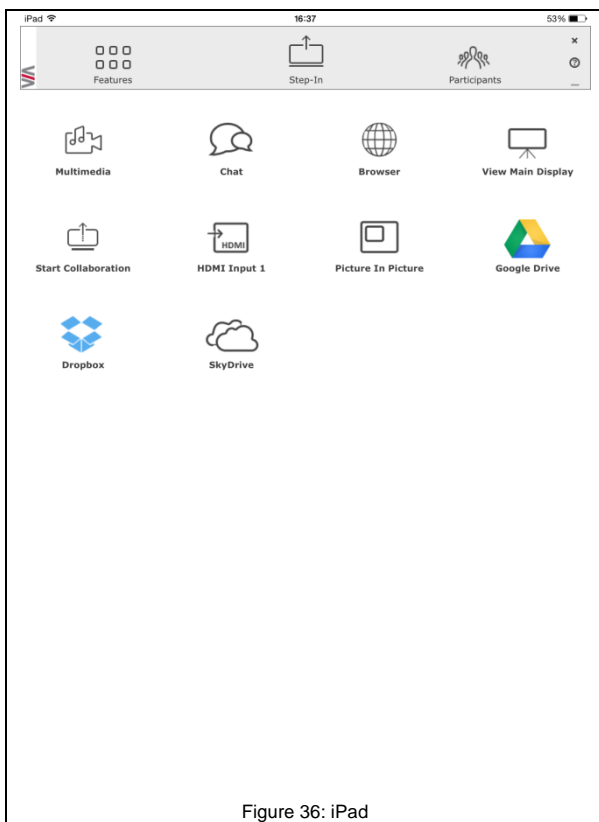


Figure 36: iPad

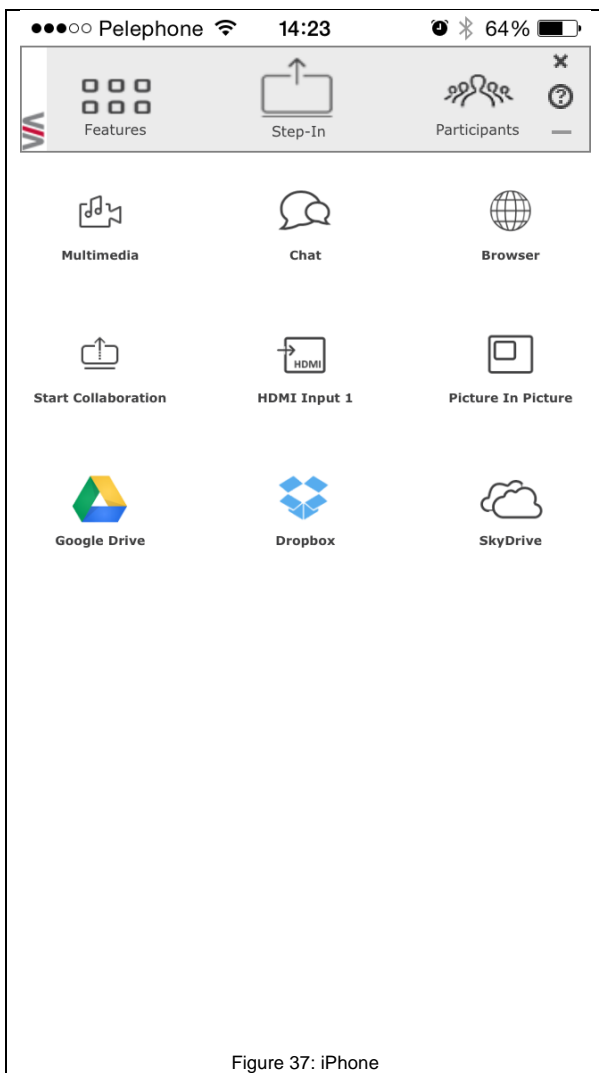


Figure 37: iPhone

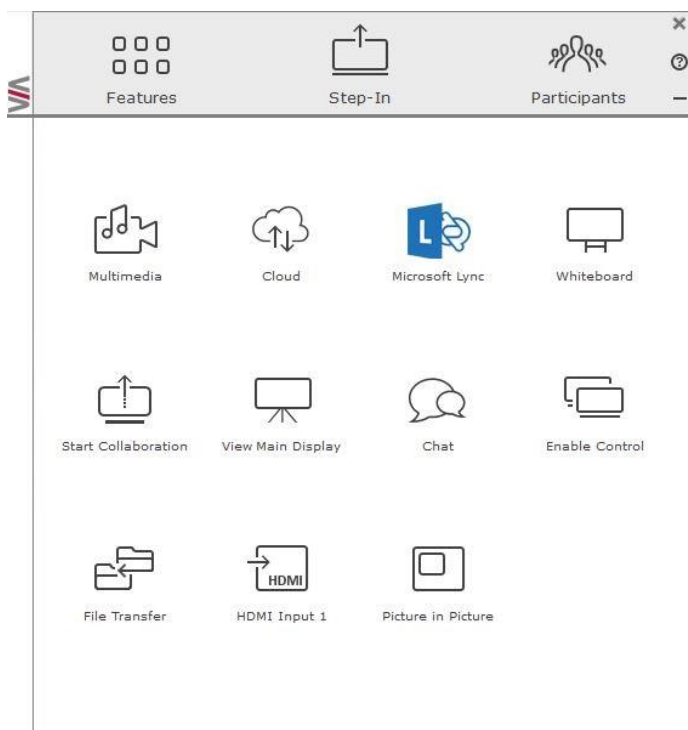


Figure 38: PC

# 5 Technical Specifications

PROCESSOR:	Quad core 2.9GHz, low power consumption
MAIN MEMORY:	4GB high speed
VIDEO INPUTS:	1 HDMI
VIDEO OUTPUTS:	1 HDMI, 1 DisplayPort
STORAGE:	64GB solid state drive
LAN:	Dual Gigabit LAN port, 10/100/1000 auto, 1 with iAMT 8.0 (not installed)
AUDIO:	Integrated High Definition Audio 5.1 channel HDMI embedded, 1 mic in and 1 line out on 3.5mm mini jacks
USB:	4 USB 3.0 ports, 1 USB 2.0 port
POWER CONSUMPTION:	120W power adapter (19V, 6.32A)
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
DIMENSIONS:	11.7" x 2.2" x 8.3" W, D, H
WEIGHT:	2.3kg (5.0lbs)
INCLUDED ACCESSORIES:	3 power cords (US, EU, UK)
OPTIONAL:	2U rack adapter
Specifications are subject to change without notice at <a href="http://www.kramerelectronics.com">http://www.kramerelectronics.com</a>	

## LIMITED WARRANTY

The warranty obligations of Kramer Electronics for this product are limited to the terms set forth below:

### What is Covered

This limited warranty covers defects in materials and workmanship in this product.

### What is Not Covered

This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, accident, neglect, exposure to excess moisture, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This limited warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with this product, any repairs attempted by anyone unauthorized by Kramer Electronics to make such repairs, or any other cause which does not relate directly to a defect in materials and/or workmanship of this product. This limited warranty does not cover cartons, equipment enclosures, cables or accessories used in conjunction with this product.

Without limiting any other exclusion herein, Kramer Electronics does not warrant that the product covered hereby, including, without limitation, the technology and/or integrated circuit(s) included in the product, will not become obsolete or that such items are or will remain compatible with any other product or technology with which the product may be used.

### How Long Does this Coverage Last

Three years as of this printing; please check our Web site for the most current and accurate warranty information.

### Who is Covered

Only the original purchaser of this product is covered under this limited warranty. This limited warranty is not transferable to subsequent purchasers or owners of this product.

### What Kramer Electronics will do

Kramer Electronics will, at its sole option, provide one of the following three remedies to whatever extent it shall deem necessary to satisfy a proper claim under this limited warranty:

1. Elect to repair or facilitate the repair of any defective parts within a reasonable period of time, free of any charge for the necessary parts and labor to complete the repair and restore this product to its proper operating condition. Kramer Electronics will also pay the shipping costs necessary to return this product once the repair is complete.
2. Replace this product with a direct replacement or with a similar product deemed by Kramer Electronics to perform substantially the same function as the original product.
3. Issue a refund of the original purchase price less depreciation to be determined based on the age of the product at the time remedy is sought under this limited warranty.

### What Kramer Electronics will not do Under This Limited Warranty

If this product is returned to Kramer Electronics or the authorized dealer from which it was purchased or any other party authorized to repair Kramer Electronics products, this product must be insured during shipment, with the insurance and shipping charges prepaid by you. If this product is returned uninsured, you assume all risks of loss or damage during shipment. Kramer Electronics will not be responsible for any costs related to the removal or re-installation of this product from or into any installation. Kramer Electronics will not be responsible for any costs related to any setting up this product, any adjustment of user controls or any programming required for a specific installation of this product.

### How to Obtain a Remedy under this Limited Warranty

To obtain a remedy under this limited warranty, you must contact either the authorized Kramer Electronics reseller from whom you purchased this product or the Kramer Electronics office nearest you. For a list of authorized Kramer Electronics resellers and/or Kramer Electronics authorized service providers, please visit our web site at [www.kramerelectronics.com](http://www.kramerelectronics.com) or contact the Kramer Electronics office nearest you.

In order to pursue any remedy under this limited warranty, you must possess an original, dated receipt as proof of purchase from an authorized Kramer Electronics reseller. If this product is returned under this limited warranty, a return authorization number, obtained from Kramer Electronics, will be required. You may also be directed to an authorized reseller or a person authorized by Kramer Electronics to repair the product.

If it is decided that this product should be returned directly to Kramer Electronics, this product should be properly packed, preferably in the original carton, for shipping. Cartons not bearing a return authorization number will be refused.

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CE



#### **SAFETY WARNING**

Disconnect the unit from the power supply before opening and servicing



P/N: 2900-300403



Rev: 1B