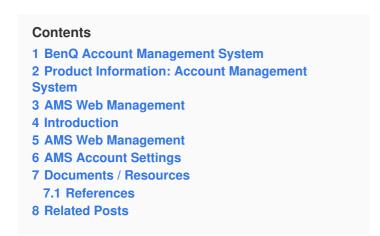


BenQ Account Management System User Manual

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BenQ Account Management System



Product Information: Account Management System

The Account Management System (AMS) is a software developed by BenQ that allows users to easily access and manage their files and personal device environment. It provides a convenient way for users to access and manage their accounts, as well as guarantees efficient account management for IT personnel.

Key Features:

- Instant access and management of personal data from any BenQ Interactive Flat Panel (IFP)
- Personalized user environment and instant access to cloud storage
- Efficient account management and simplified setup for IT administrators

Introduction

The Account Management System (AMS) allows users to easily access and manage their files and personal device environment from any BenQ IFP. It improves the efficiency and convenience of managing accounts on BenQ's IFPs.

AMS Web Management

Registering a new account

- 1. Go to the BenQ Service website: https://ams.benq.com. Recommended browsers are Chrome and Firefox.
- 2. If you are an administrator, click "Register BenQ Account" to register an Administrator account for the company. If you are a regular user, ask your company's administrator to create a user account for you. After receiving the account, click "Log in directly" after verifying your email.
- 3. After registration, you will see a message. As an administrator, click "Continue".
- 4. Fill in the required fields and click "Submit" to create a new Administrator account.

Creating a new account

- 1. As the administrator, log in and choose IAM.
- 2. Click "Create New Account" to continue.
- 3. Fill in the required fields and click "Submit" to create a new account. Choose between the roles of coordinator or user. For more information about the differences between coordinator and user, refer to the "Management Authority" section on page 15.

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latest version of this manual.

Introduction

Account Management System (AMS): Instantly Access and Manage Per-sonal Data from Any IFP

To make it more convenient for users to access and manage their files and personal device environment, BenQ releases Account Management System (AMS) to make it easier for users to access and manage files as well as accounts. Additionally, AMS also guarantees a more effortless way for IT personnel to manage accounts, improving the efficiency and convenience of managing accounts on BenQ's IFPs to a whole new level.

Personalized User Environment and Instant Access to Cloud Storage through AMS Personalized Workspace Environment

As IFP are generally considered to be public devices that store data from many users, the data is often unorganized and difficult to locate. There is no solution to customize each user's environment and filter out their data. AMS provides customized workspace environments, private local storage space, and personalized settings for user's convenience. Users can access their personalized workspace environment and settings on any IFP that they have logged into, and the process could be further accelerated with BenQ designed NFC cards.

Auto Login to Cloud Storage Accounts

Data on Android devices can be difficult for novice users to locate and bring with them. Cloud storage is the solution that fits this need, but logging into a cloud account with sensitive login credentials can be a risky behavior. AMS strengthens the level of security and gets rid of the complexity of entering passwords when users try to access their cloud storage accounts. With BenQ AMS, users only have to log into their cloud storage accounts once at setup/ account creation, and they can then start accessing data without having to login ever again on the IFP. AMS automatically sets permissions for personal and network folders, providing another way for users to easily find and organize their data. AMS makes accessing various storage spaces more secure and easily accessible.

Efficient Account Management and Simplified Setup for ITS

• Efficient Account Management

Traditionally, it is extremely time consuming to manage large amounts of user accounts for corporate IT managers. AMS provides a clear and intuitive user interface for IT managers to import and manage multiple user accounts.

One Step NFC Card Setting

Connecting personal accounts to ID cards through traditional management software is a complicated process to implement. AMS eliminates the complicated process of setup and encryption and can link an account to an ID card through one simple step.

Hassle-free Account Binding with AMS

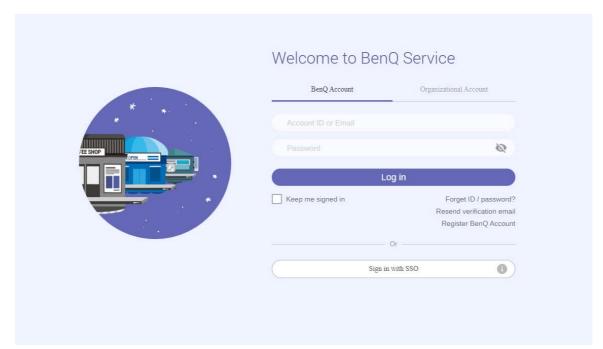
Traditional ways to match IFPs with data management systems are complicated and have limitations. AMS can simply bind devices seconds after the devices are connected to the network.

AMS Web Management

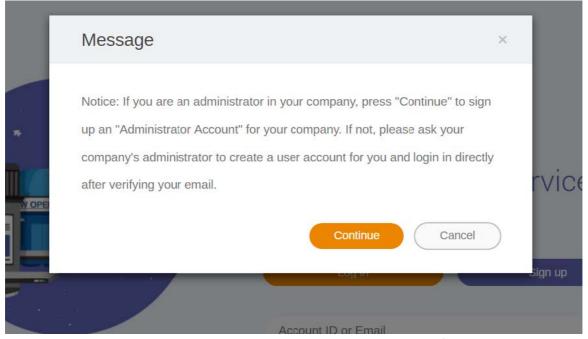
Registering a new account

You must have a valid account to access BenQ AMS.

Go to BenQ Service website: https://ams.benq.com. Suggested browsers are Chrome, Fire-fox.



2. If you are an administrator, click Register BenQ Account to register an Administrator account for the company. If you are a regular user, ask your company's administrator to create a user account for you. After you receive the account, click Log in directly after verifying your email.



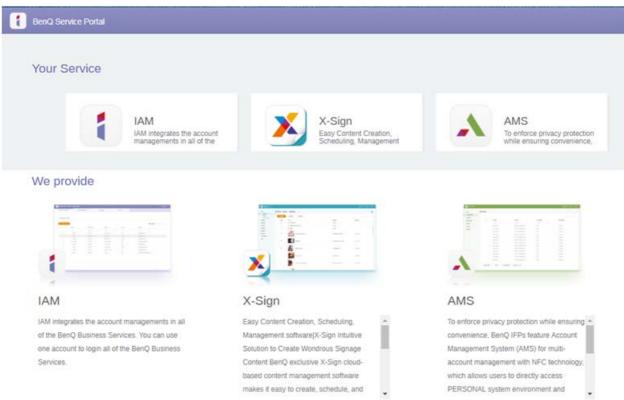
- 3. After registration, you will see the following message. As an administrator, click Continue.
- 4. Fill in the following fields and click Submit to create a new Administrator account.



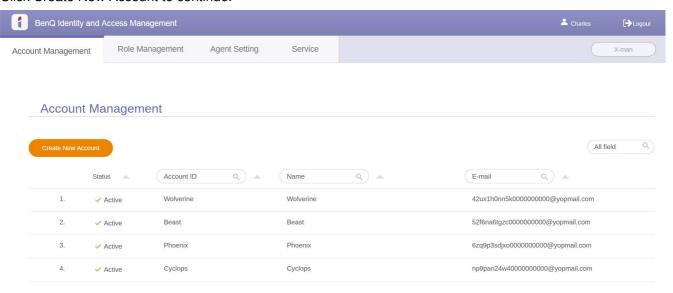
- For the account ID, enter a value between 4 and 20 characters long. Only numbers (0-9), upper and lowercase alphabets (A-Z, a-z), and the following special characters (-)(.)(_) are allowed in the account ID and name.
- The password must be a combination of alphanumeric and must be between 6-12 characters. Passwords like "2945678" (all numbers), "eduabsc" (all alphabets), "12ab" (less than 6 characters), and "12abcd345678efg" (more than 12 characters) are unacceptable.
- Uppercase and lowercase letters don't need to be typed the same way every time you key in the password.

Creating a new account

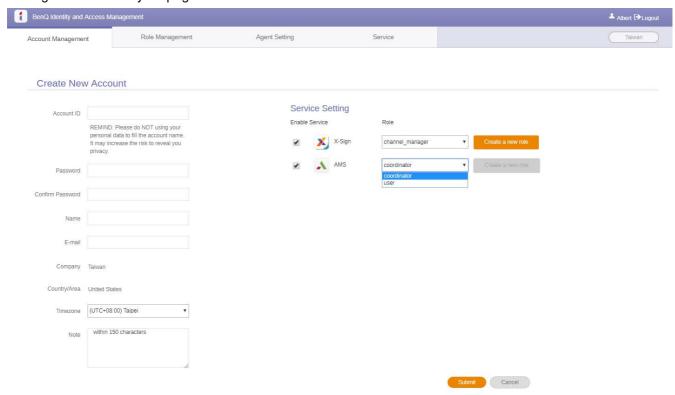
· As the administrator, log in and choose IAM.



· Click Create New Account to continue.



• Fill in the following fields and click Submit to create a new account. There are two roles to choose from: coordinator or user. For more information about the differences between coordinator and user, see Management Authority on page 15.

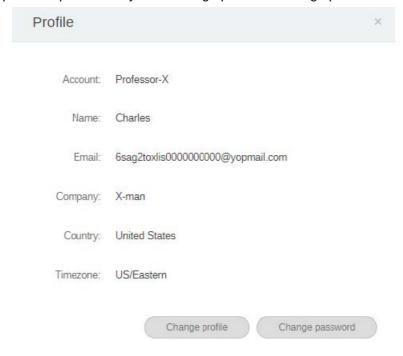


Editing your profile

• You can edit your profile by clicking the head icon with your name in the upper right corner. Click Profile to continue.

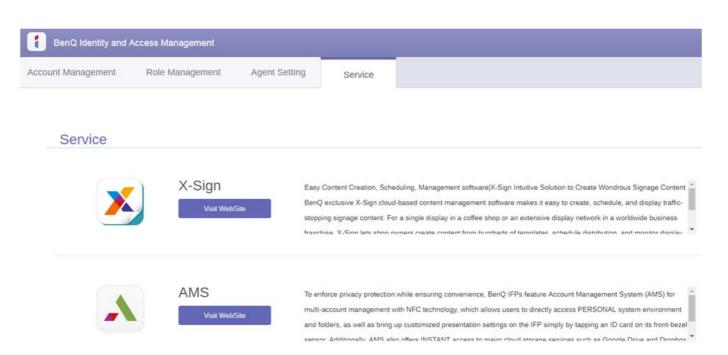


• You can change your profile or password by click Change profile or Change password.



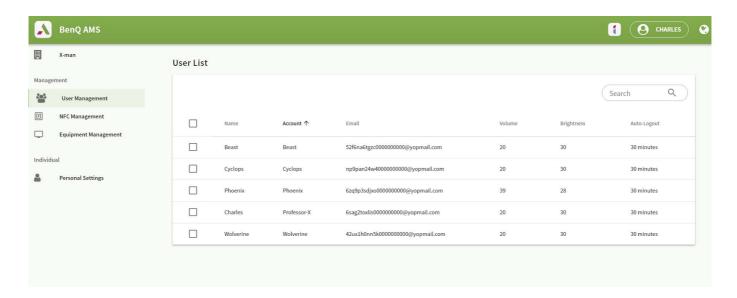
Managing BenQ AMS

Click Service to have access to BenQ AMS.



AMS service overview

While logging in, you will see three main parts, as described in the table below:



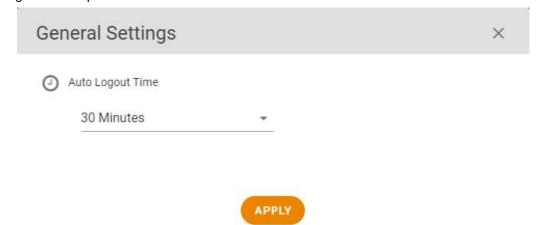
Item		Description
1.	Function Tab	You can switch the functions here.
2.	Account Information	You can see the account's information and change languages in this ar ea.
3.	Operating Tab	You can see the corresponding content while switching the functions o n the function tabs.

User Management

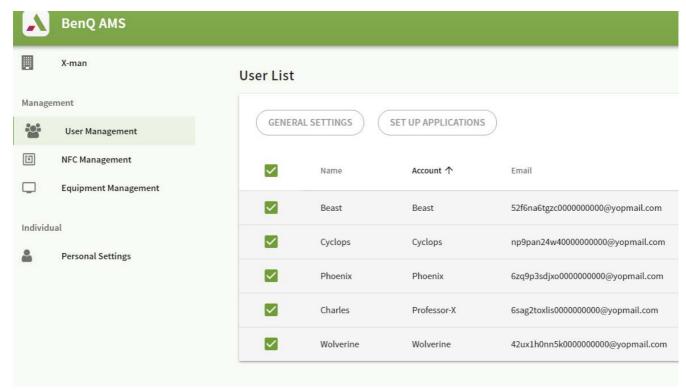
You can adjust general settings and select applications for the desktop beforehand.

- Select the account (or all accounts), then click GENERAL SETTINGS.
- You can adjust Auto Logout Time here. Click Apply to confirm the setting.

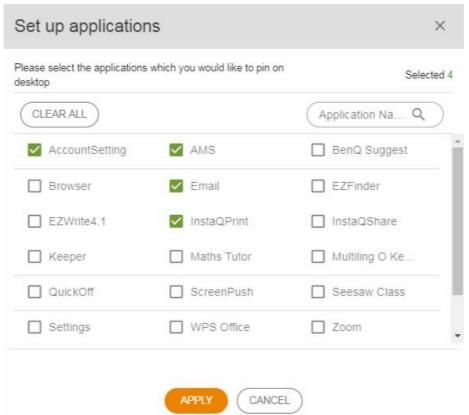
The Auto Logout Time options are 10/20/30/40/50/60 minutes.



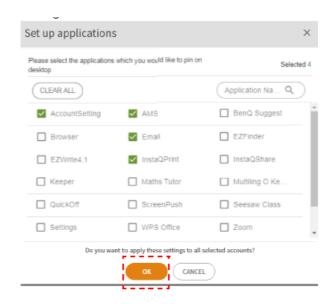
• Select the account (or all accounts), then click SET UP APPLICATIONS.



• You can select the applications which you would like to pin on the desktop. Click Apply to continue.



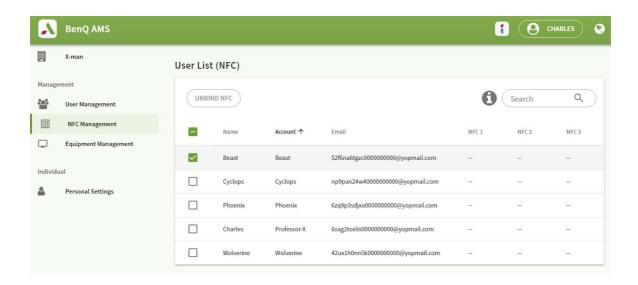
• Click OK to apply the settings to the selected accounts.



NFC Management

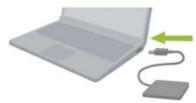
You can bind the NFC card to the selected account.

• Click **INFORMATION** to see more information about test of NFC card reader.





1. Please connect USB of NFC card reader with computer



2. In case of being required, please install driver of NFC card reader (installation method could be consulted from manufacturer)



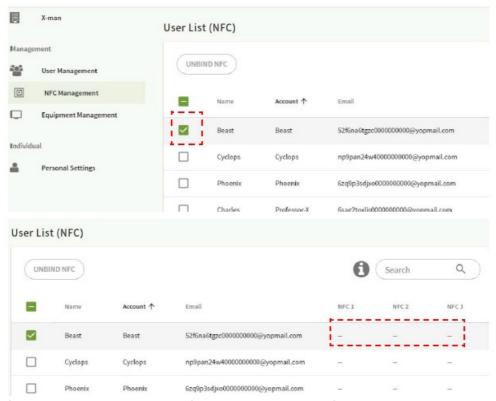
3. Test: Hold NFC card to the reader, if the card number automatically fill in the input box below, which means reader operate normally.

Card Number:

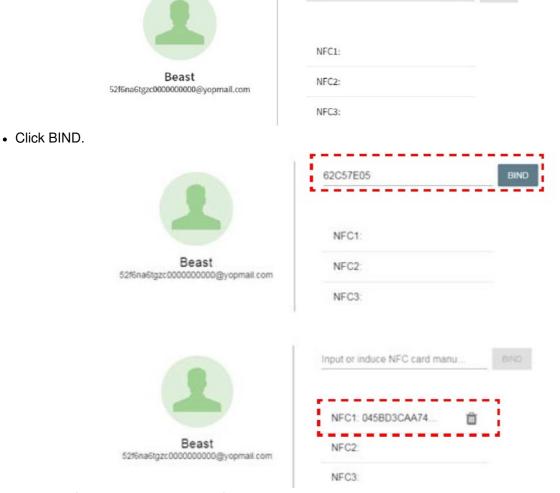
The NFC card is not supplied and should be purchased separately. See Supported NFC card readers and NFC card spec on page 11 for more information.

Binding the NFC card

• Select an account to be bound.

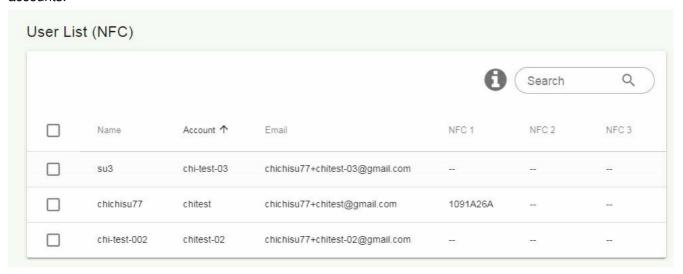


Hold the NFC card near the connected NFC reader to bind the NFC card to the account.



Input or induce NFC card manually

• Every NFC card has a unique ID. Once the card is bound to an account, it cannot be rebound to other accounts.

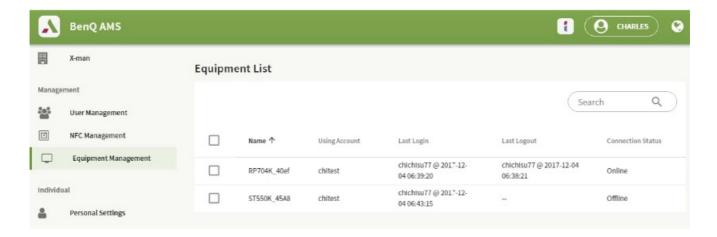


Supported NFC card readers and NFC card spec

	Supported Models
NFC card readers:	 ACS: ACR1242U http://www.acr1252.com/ Synnux: CL-2100R https://goo.gl/56ajQW D-Logic: https://goo.gl/uLECHJ InfoThink: InfoThink IT-101MU https://goo.gl/s3XGE4
Card spec:	 Chip: NXP, Mifare Protocol: ISO14443-1 Size: 85.72 x 54.03 x 0.84 mm

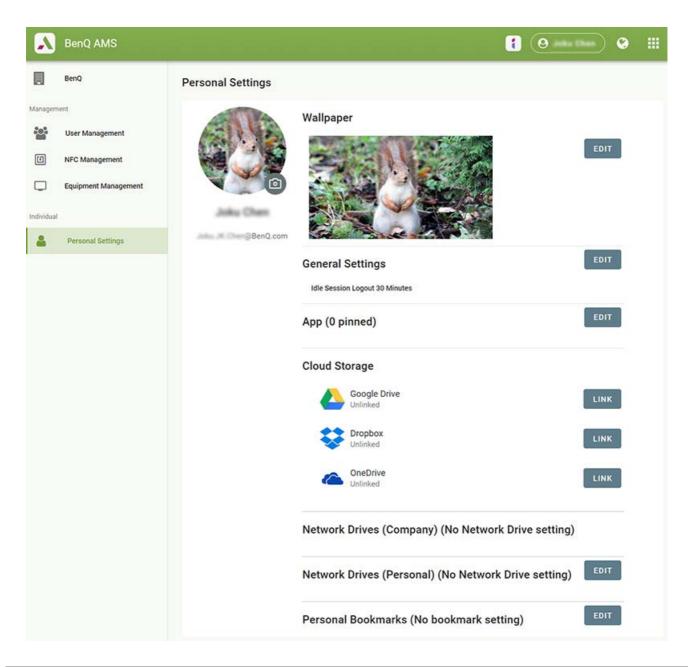
Equipment Management

You can see the equipment status in Equipment Management.



Personal Settings

You can apply your personal settings to any IFP once you log in to your AMS account. Here are the available settings:



Item		Description
1.	Profile image	Tap to upload customized images. After signing in, the
2.	Wallpaper	profile/background image will change accordingly.
3.	General settings	Set the idle session logout time.
4.	App shortcut	Pin your frequently used apps on the home screen of the board.
5.	Cloud storage	Link your personal file hosting services to AMS to access your files on the board.
6.	Network drives	Link your network attached storage to AMS to access your files on the board.
7.	Personal bookmarks	Save your frequently visited websites as bookmarks for quick access o n the board.

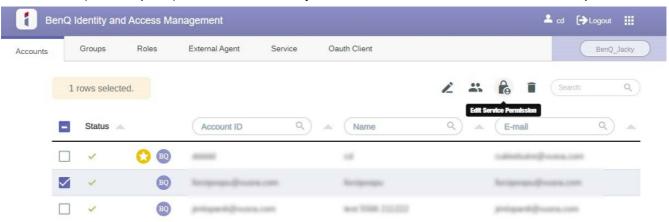
Security Settings

Administrators can manage access permissions of different accounts and equipment in IAM & AMS to prevent safety and security issues.

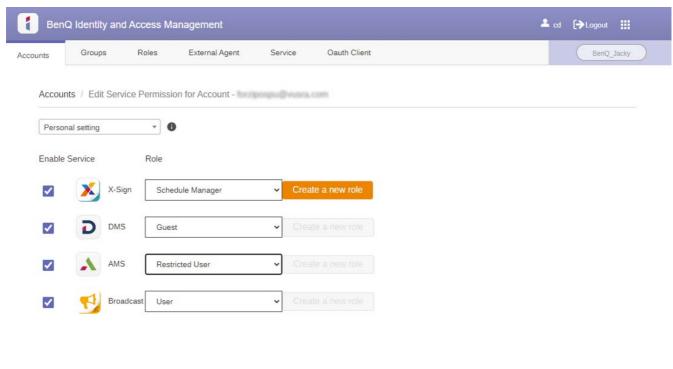
Restricted user

Administrators can set user's role as restricted user to minimize potential misuse.

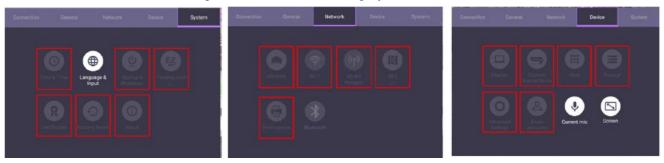
• In BenQ IAM (iam.benq.com), select the accounts you want to edit and click the icon edit service permission.



• Under AMS service, select Restricted User and click Submit.



For restricted users, certain settings on their boards will be greyed out.

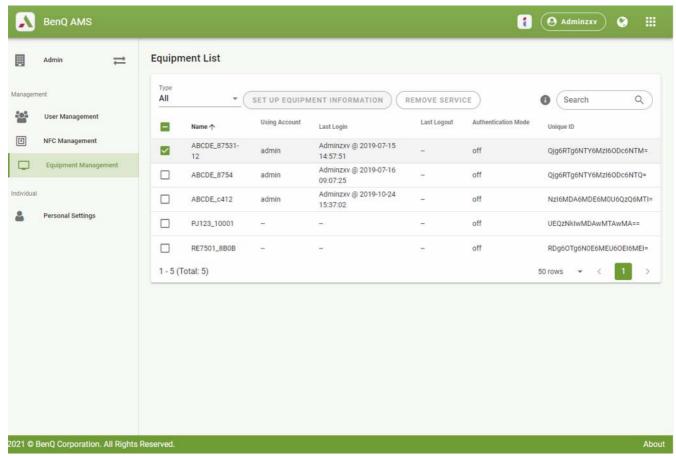


Authentication mode

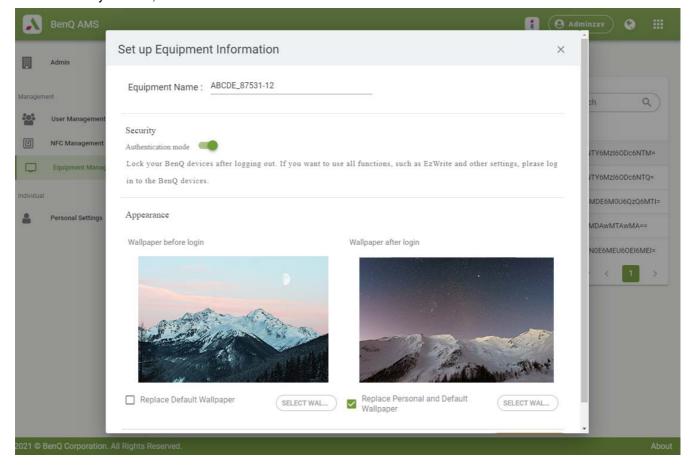
Once authentication mode is activated, all functions of the BenQ board are only accessible after log in. Since the board is locked, students or people without an account will have no access to the board during recess.

• Under Equipment Management, select the devices you want to edit and click SET UP ENVI- RONMENT

INFORMATION to edit service permission.



• Under Security section, turn on Authentication mode.



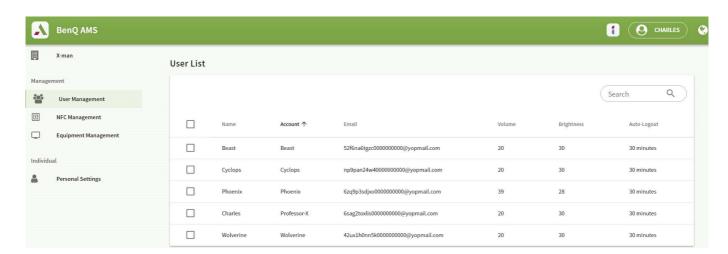
AMS Account Settings

Check your product's model name and see how to sign in from below:

- RP01K/RP02/RM02S/RM02K/RE01/CP01K
- RP654K/RP704K/RP750K/ RP860K
- The rest of the latest BenQ Smart display, see Uni Launcher.

Management Authority

There are three roles in AMS: AMS admin, coordinator, and user. They have different management authority.

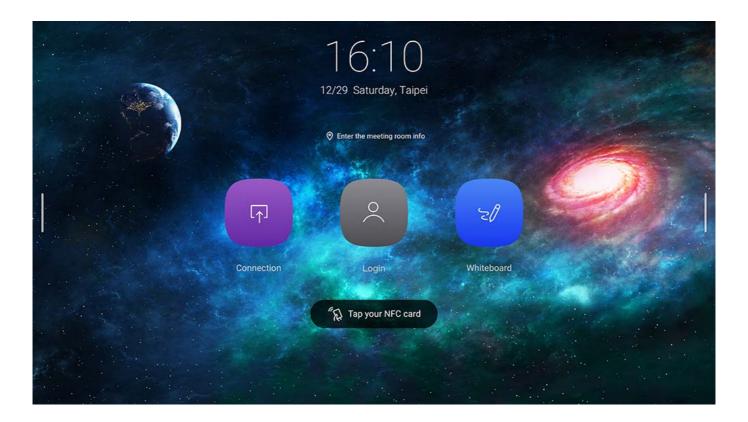


	AMS admin	Coordinator	User
User Management	V	V	
NFC Management	V	V	
Equipment Management	V	V	
Personal Settings	V	V	V

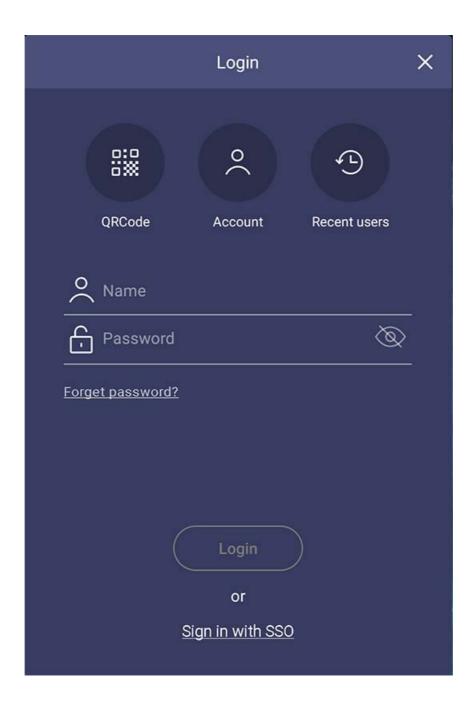
- AMS admin has the authority to manage users, NFC, equipment, and Personal Settings.
- Coordinator has almost the same authority as AMS admin, except for the authority to create a new account.
- User can only have access to Personal Settings.

Uni Launcher

• Tap the icon to log in.



• Use either method below to connect your account with BenQ smart display.



- Scan the QR code with your smartphone to login.
- Enter the name and password of your AMS account.
- · Access the accounts logged in recently.
- Sign in with your business e-mail account. See Single-Sign-On settings for more information.

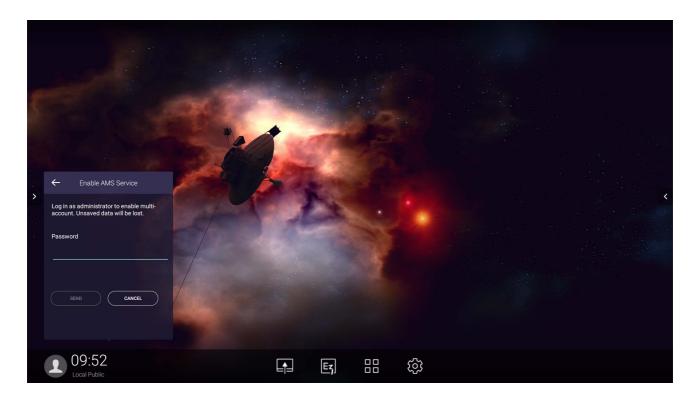
RP01K/RP02/RM02S/RM02K/RE01/CP01K

Tap to launch AMS. With this application, you can access your personalized workspace environment and settings and manage your files and accounts on IFPs that you have logged into.



Signing in as local admin

To log in as local admin, enter the password and click SEND. The default password for local admin is "admin". Change the password after logging in for the first time.

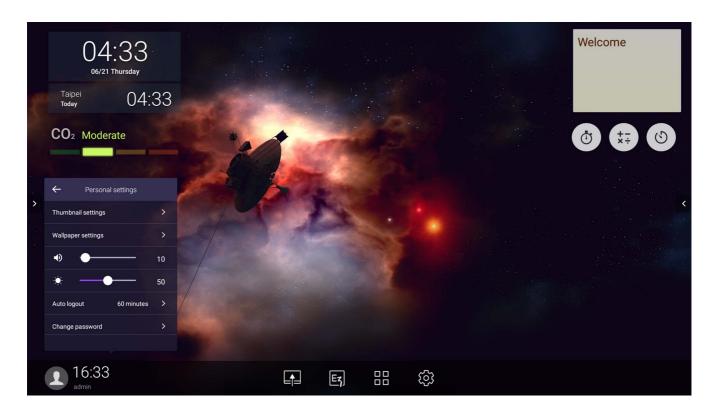


Signing in as AMS admin/user/coordinator

• Sign in as the AMS admin, user, or coordinator. For more information about the different management authority of AMS admin, user, and coordinator, see Management Authority on page 15.

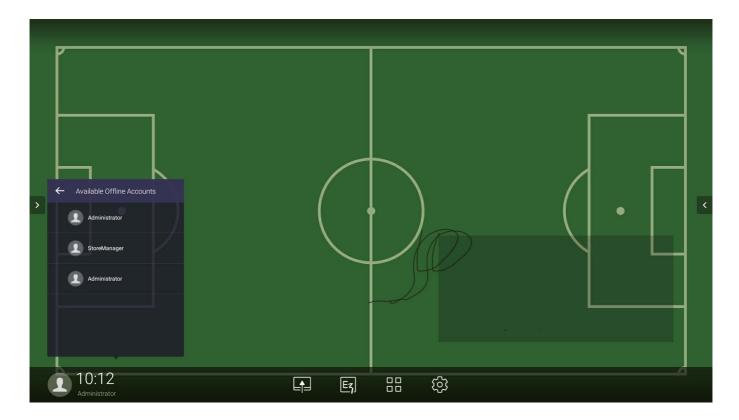


- To access your personal account, you have to ask the administrator to activate AMS service first and create your account through IAM service. Refer to Creating a new account on page 3 for more information.
- If you have recently used AMS, you can click Recent users to find your account.
- Under Personal settings, you can change the headshot, wallpaper, and password. You can also adjust volume, brightness, and set Auto logout.



Available offline accounts

You can check the available offline accounts when you have problems connecting to the Internet. If you have logged in to your AMS account before, next time when the Internet doesn't work, you can still log in.



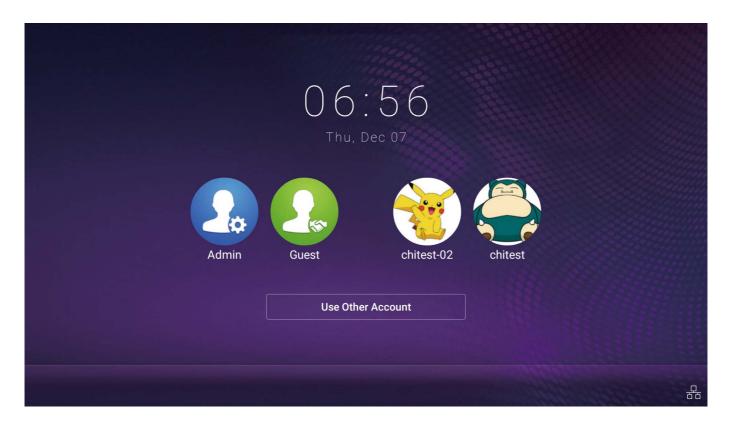
RP654K/RP704K/RP750K/ RP860K

Signing in as local admin

• Tap CONTACT ICON to launch Account Setting.



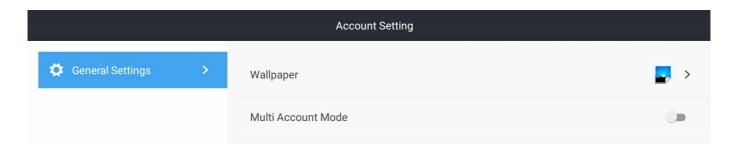
• Tab CONTACT ICON and sign in to continue Admin's Settings,



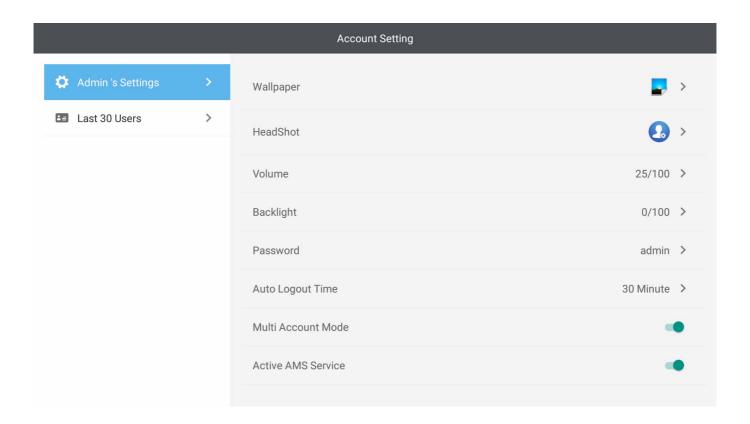
Item		Description
1.	Admin	Local admin
2.	AMS users	You need to create a new account first.
3.	Use Other Account	If you need to log in with a new account, tab Use Other Account.

Before launching the application, make sure your display is properly connected to the Internet.

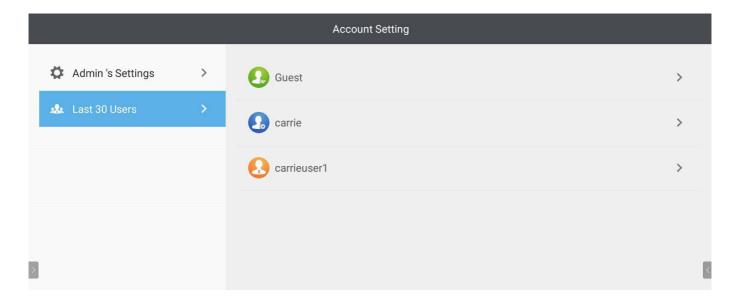
• To enable multiple user accounts, set Multi Account Mode to On. The mode is Off by default.



• After you set Multi Account Mode to On, continue to activate AMS Service.



 You can also change Wallpaper, HeadShot, Password and adjust Volume, Backlight, and Auto Logout Time here.



- You can check the last 30 users.
- Local admin can check accounts' login history but cannot check accounts' information.
- Local admin can edit Guest's information like Wallpaper, HeadShot, Volume, and Backlight.

Signing in as AMS admin/user/coordinator

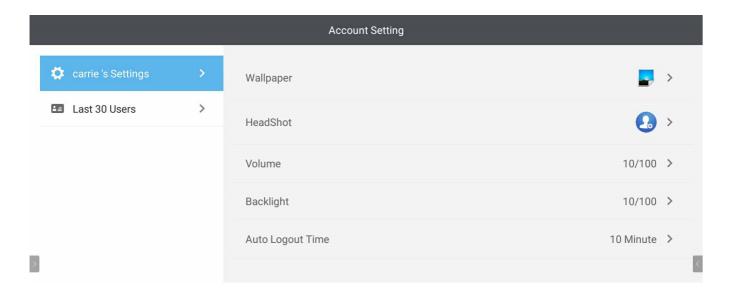
• Tap CONTACT ICON to launch Account Setting.



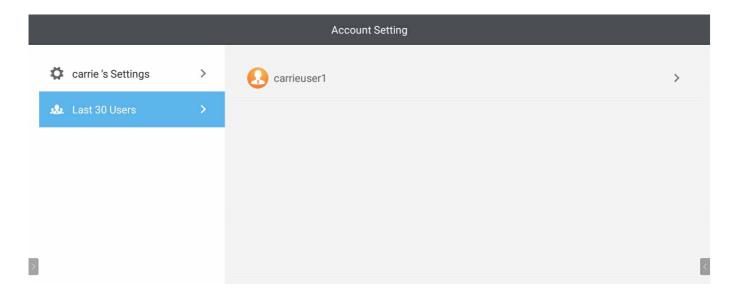
• Sign in as the AMS admin, user, or coordinator. Refer to Creating a new account on page 3 for more information. For more information about the different management authority of AMS admin, user, and coordinator, see Management Authority on page 15.



- Reset your password by receiving a reset email. Contact your local admin if you don't remember the email address you registered with or no longer have access to it.
- To access your personal account, you have to ask the administrator to activate AMS service first and create your account through IAM service. Refer to Creating a new account on page 3 for more information.
- You can change Wallpaper, HeadShot, Password and adjust Volume, Backlight, and Auto Logout Time here.



AMS admin can check the last 30 users, while a regular user doesn't have access to this service. A regular
user only has access to personal settings.



AMS Application

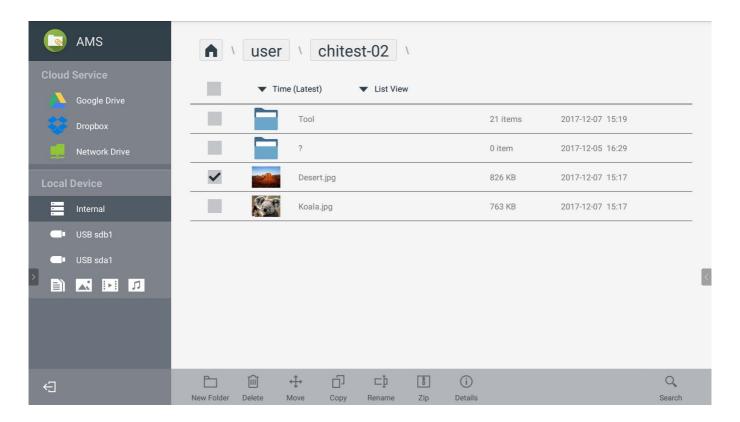
• Tap to launch AMS. With this application, you can access your personalized workspace environment and settings and manage your files and accounts on any IFP that you have logged into.



Before launching the application, make sure your display is properly connected to the Internet.

AMS file manager overview

While logging in, you will see four main parts, as described in the table below:

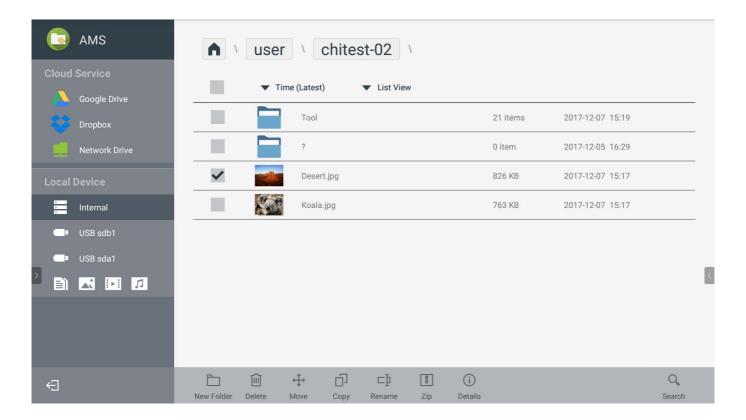


Item		Description
1.	Source Selection	 You can open files from the cloud storage services like Google Driv e, Dropbox, or network drive. You can also open files from the local devices like Internal, My Folder, or connected USBs. The icon next to Google Drive, Dropbox shows that the account i s bound to AMS service.
2.	Folder Path	You can browse the file folder in this area.
3.	Listing Files	You can see a list of files from the storage device you select.
4.	Operating Tab	You can edit the files using the operating tabs here.

Regular users can only view their own files, while the local admin can view all users' files in the domain.

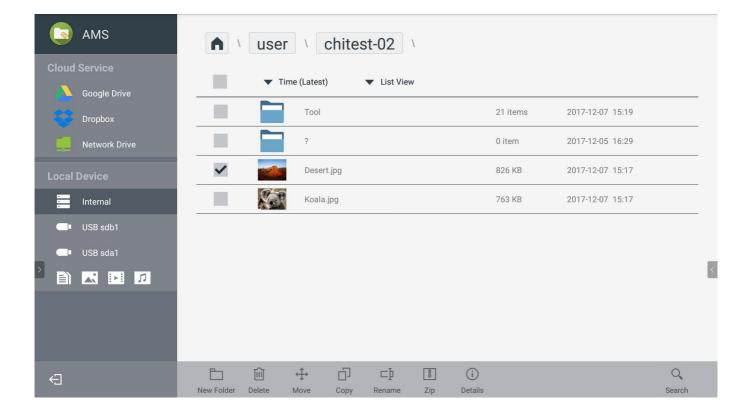
Searching files

Tap SEARCH and key in the file name to search the file.



Adding a new folder

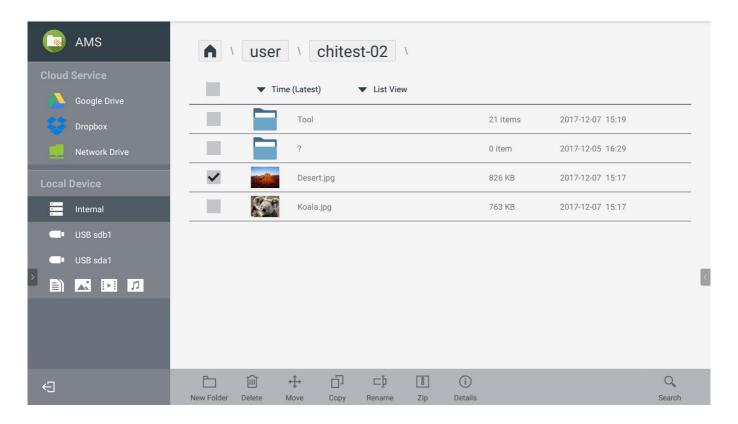
Tap SEARCH and key in the folder name to create a new folder. The name length should not exceed 64 characters.



- Local admin, AMS admin, coordinator can have access to all peronsal folders.
- The personal folders under the "user" path is only visible to the user.

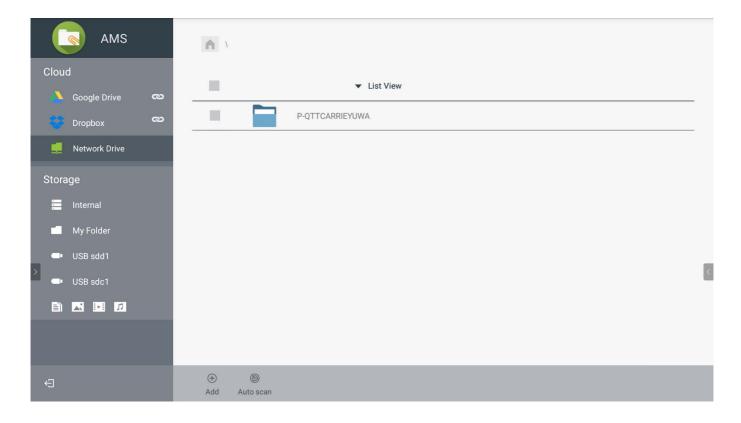
Editing files

You can edit the files using the operating tabs like New Folder, Delete, Move, Copy, Rename, Zip, or Search.



Adding another network drive server

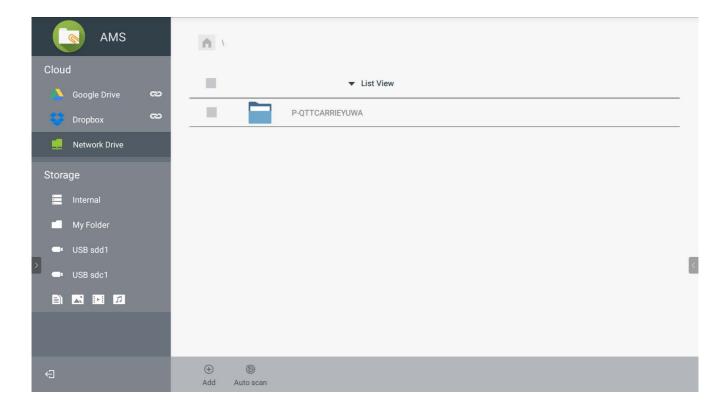
You can add a new network drive server manually or by auto scan.



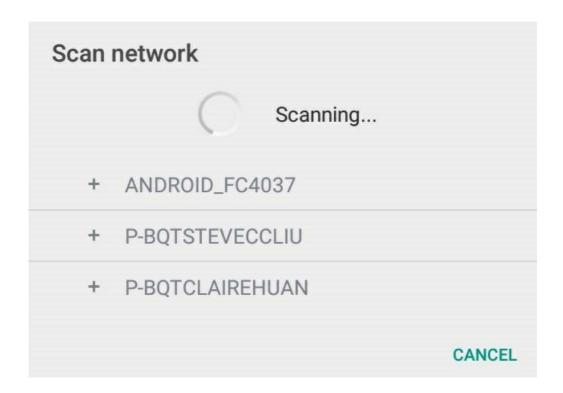
• To add a new network drive manually, fill in the following fields and click OK to continue.

Add new server	
Name:	
Domain name:	
Ip address:	
User name:	
Password:	
☐ Anonymous login	Remember me
	CANCEL OK

- Remember me is checked by default.
- If you check Remember me, the system will automatically save Name/Domain name/Ip address/User name/Password. If you don't check Remember me, the system will only save Name/Domain name/Ip address.
- Check Anonymous login and you can directly log in to a network drive.
- Network drive settings, like account, password, Anonymous login, and Remember me, will be automatically saved to AMS server.
- When Anonymous login is checked, you can directly log in to network drive if the server accept Anonymous login. When Anonymous login is not checked, enter the account and password of your network storage.
- To add a new network drive by auto scan, tap Auto scan to scan network.



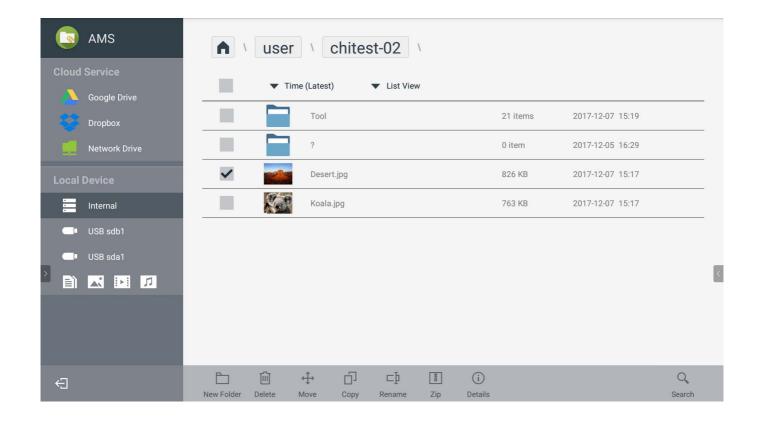
• The host names or IP addresses will be shown. The host names will be scanned first.



• The detected host name or IP address will be pre-filled in the corresponding fields. You can change them manually. Fill in other fields and click OK to log in.

Add new server		
Name:	Michael_server3	
Domain name:		
Ip address:	140.116.3.22	
User name:		
Password:		
☐ Anonymo	us login 📝 Remember me	
	CANCEL OK	

Logging outTap BACKUP to log out AMS service.



Documents / Resources



References

- <u>BenQ Display Solutions</u>
- I BenQ Identity and Access Management
- <u>acr1252.com/</u>
- © CL-2100R
- BenQ AMS
- G CL-2100R
- G InfoThink NFC IT-101MU | InfoThink
- G NFC RFID Reader Writer µFR Advance NFC Development Tool With SDK
- 1 BenQ Identity and Access Management
- III NFC RFID Reader Writer µFR Advance NFC Development Tool With SDK