



Configure a Time Task

This tutorial explains the step by step configuration of the application below :

In a museum protected by MOBOTIX cameras, the camera will make a “Welcome Announcement” every day at 10:05 am except for Mondays; and it will make a “Goodbye Announcement” everyday at 5:45 pm except for Mondays; and it will take a snapshot image in Megapixel Resolution and send it to an FTP server every day between 9:00 am to 6:00 pm every 30 minutes including 9:00 am and 6:00 pm.



1. General Assumptions

Please make sure that you have connected your camera to the network properly and your camera is reachable. This tutorial assumes that the camera is **in factory default configuration except for network settings**.

2. Configuration

Type the IP address of the camera to go to live image.

<http://ipaddress>

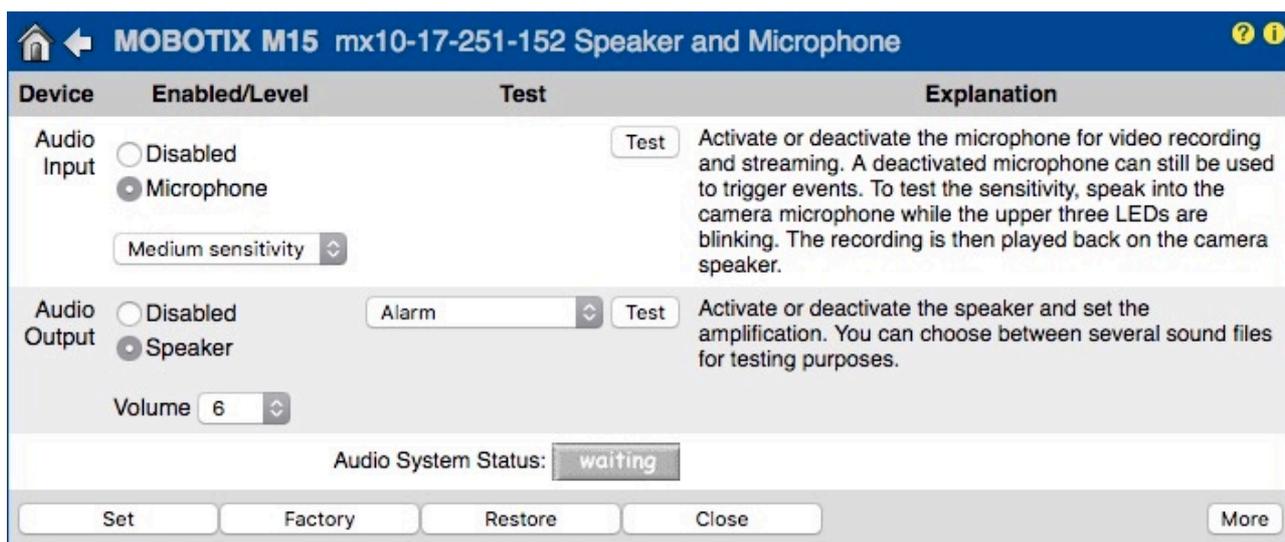
2.1. Enable the microphone and speaker of the camera

Click “Admin Menu” to enter the Admin Menu and then click “Speaker and Microphone”.

Audio and VoIP Telephony

- [Speaker and Microphone](#)
- [Manage Audio Messages](#)
- [Sound Profiles](#) for playing back audio files
- [SIP Server Settings](#) for configuring integrated SIP server
- [SIP Client Settings](#) for VoIP telephony
- [Outgoing Calls Settings](#)
- [Incoming Calls Settings](#)

In the “Speaker and Microphone” Menu, enable Microphone and Speaker and set the sensitivity for the Microphone and the volume for the Speaker. (**Note** : Click Test button to find out your desired settings)



Then, press “Set” and go back to the “Admin Menu”.



2.2. Add audio file

Click “Manage Audio Messages” in the “Admin Menu”. Add an Audio File by using the “Upload Voice Message Section”. (**Note:** Accepted file formats can be seen in the menu and details can be reviewed by clicking the “?” symbol on the top right of the menu)

You can also record audio using the microphone of the camera. To do that, click “Record” as it is seen in the menu. Message duration can be chosen. After recording the audio, give a name and store.

Then, go back to the “Admin Menu”.

MOBOTIX M15 mx10-17-251-152 Manage Audio Messages

Record Voice Message

Outgoing Call Profile: No phone available. You can activate VoIP telephony [here](#).

Message Duration: 10 Seconds. Maximum duration of voice message.

Step ONE: Record. If VoIP is activated, press **Call & Record** and the camera will call you and record your voice message over the phone. To record a voice message using the integrated microphone, press **Record** and start recording the message as soon as the LED signal lights up.

Stored Voice Messages

Message Name	File Size	Actions
No sound files stored in the camera.		

Total: 0 KBytes Free: 47000 KBytes

Upload Voice Messages

File Type: .tar (audio archive file format). Select the file format, preferably the audio archive file format.

File: Choose File No file chosen. Select an appropriate file on your local computer. The file must not be larger than 47000 KBytes, otherwise it can not be processed.

Upload

MOBOTIX M15 mx10-7-44-241 Manage Audio Messages

Record Voice Message

Outgoing Call Profile: No phone available. You can activate VoIP telephony [here](#).

Message Duration: 5 Seconds. Maximum duration of voice message.

Step ONE: Record. If VoIP is activated, press **Call & Record** and the camera will call you and record your voice message over the phone. To record a voice message using the integrated microphone, press **Record** and start recording the message as soon as the LED signal lights up.

Stored Voice Messages

Message Name	File Size	Actions
Goodbye	11 KBytes	Play Delete
Welcome	11 KBytes	Play Delete

Total: 22 KBytes Free: 46976 KBytes

Download Voice Messages

Select: Goodbye Welcome. Select one or more voice messages you would like to download to your local computer. Use [Ctrl]-click to select multiple messages. The voice messages are stored as an audio archive file. This file can be uploaded to other cameras. Use WinZip, Stuffit or Powerarchiver to view the contents of the archive file.

Download

Upload Voice Messages

File Type: .tar (audio archive file format). Select the file format, preferably the audio archive file format.

File: Choose File No file chosen. Select an appropriate file on your local computer. The file must not be larger than 46988 KBytes, otherwise it can not be processed.

Upload



2.3. Configure an FTP Profile

Click “FTP Profiles” in the “Admin Menu”. Enter the details of the Server Settings.

Global Options	Value	Explanation
Server Settings	<input type="text" value="ftp.myhome.test"/>	FTP Server: Name or IP address of the default FTP server. The default port is 21. To use a different port, enter the number after the name or IP address separated by a colon.
	<input type="text" value="my_user"/>	User Name: Default user name for authentication.
	<input type="password" value="*****"/>	Password: Default password for authentication.
	<input type="button" value="Passive FTP"/>	Connection: Default FTP connection type. If <i>Passive FTP</i> , the camera will connect to the FTP server using passive mode. This is the preferred method if your camera is behind a firewall or router. If you cannot connect to your FTP server, try <i>Active FTP</i> .

(**Note** : The information above is an example for this tutorial)

Then, click “Add new profile” and name your profile and configure the settings.

Current Destination:	Value	Explanation
	<input type="text" value="\$ (TEXT.FTPDIR)"/>	Directory Name: Destination directory on the remote computer where the image will be stored. You can use any name that is valid on your FTP server. Missing (sub)directories will be created as needed. Use <code>\$(TEXT.FTPDIR)</code> for default directory. This parameter allows using variables .
	<input type="text" value="\$ (TEXT.FTPFILE).jpg"/>	File Name: Destination file name of the image on the remote computer. You can use any name that is valid on your FTP server. Do not forget the file extension (e.g. <code>.jpg</code> for images)! Use <code>\$(TEXT.FTPFILE).jpg</code> for default file name. This parameter allows using variables .
File Type	<input type="button" value="Image"/>	File Type: Select type of transferred files.
	<input type="button" value="MEGA"/>	Image Profile: Select an image profile for the files that are to be uploaded.
File Options	<input type="button" value="Enabled"/>	Temporary Name: Enable this option to have the image file transferred to the FTP server using a temporary file name. After the transfer is finished, the file is renamed on the server to match the file name specified here. This option is useful if you want to update an image on a web page.

(**Note** : The information above is an example for this tutorial)

(**Note**: The details can be reviewed by clicking the “?” symbol on the top right of the menu)

(**Note**: Please use “Test Network Current Configuration” in the “Admin Menu” to test if your ftp profile works properly)

Then, click “Set” and return to the “Admin Menu”.



2.4. Configure the Time Tasks

Click “Time Tasks” in the “Admin Menu”. And Select your tasks and then, assign times to them.

Task	Minutes (0 .. 59)	Hours (0 .. 23)	Days of Month (1 .. 31)	Months (1 .. 12)	Week Days (0 .. 7)	Options
Reboot randomly within one hour	0	3	*	*	1	<input type="checkbox"/> Inactive <input type="checkbox"/> Delete
Play voice message "Welcome"	5	10	*	*	2-7	<input type="checkbox"/> Inactive <input type="checkbox"/> Delete
Play voice message "Goodbye"	45	17	*	*	2-7	<input type="checkbox"/> Inactive <input type="checkbox"/> Delete
FTP "FTPUUpload" current image	* /30	9-17	*	*	*	<input type="checkbox"/> Inactive <input type="checkbox"/> Delete
FTP "FTPUUpload" current image	0	18	*	*	*	<input type="checkbox"/> Inactive <input type="checkbox"/> Delete
Select task...	*	*	*	*	*	<input type="checkbox"/> Inactive

(Note: The details regarding the settings above can be reviewed by clicking the “?” symbol on the top right of the menu. There are more examples which can clarify the settings for you)

(Note: The “2-7” which is seen in Week Days mean that this task will run from 2nd day of the week (Tuesday) to 7th day of the week (Sunday))

(Note: The “9-17” in Hours and “*/30” in Minutes mean that this task will run in every 30 minutes between 9:00 am till 5:30 pm)

Then, click “Set” and “Close” to store the settings permanently.

3. Results and Notes

With these settings,

The camera will make “Welcome” announcement every day at 10:05 am except Mondays.

The camera will make “Goodbye” announcement every day at 17:45 pm except Mondays.

The camera send a snapshot which is taken by the camera in every 30 minutes between 9:00 am to 6:00 pm (including 9:00 am and 6:00 pm) in Megapixel resolution to an FTP Server every day.

The settings may be changed and adapted differently according to the application.

Remember to consider the technical specifications of the cameras and check their brochure to make sure that your camera model has a built in speaker and microphone or whether you will need an additional equipment.

It is also possible to use an EXT-IO module to connect the camera to an existing amplifier through the Line In and Line Out of the device.

It is strongly recommended to participate in MOBOTIX Trainings to learn all details concerning configuration and application possibilities.