Outline iMode devices and Java Applet

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Forewords

In the latest version of Java some features of the iMode Java-based applications are considered not safe for the user, so the iMode application is blocked by Java itself. In order to communicate with iMode devices it is necessary to add an exception in the Java Configuration Settings. This document shows the step in order to enable the use of this application. Java Virtual Machine is available at <u>www.java.com</u>.

From September 2015 Google Chrome does not support Java and other NPAPI plugins anymore. We recommend to use an other browser (Firefox, Explorer, Safari and any other browser). More information at this link:

https://java.com/en/download/faq/chrome.xml#npapichrome

Step 1: connect to the device

Following the instructions on the iP24 manual connect the computer to the unit via iP24's Ethernet Port 1 directly or via a router. In any case the rules of the network (IP addresses, subnet mask, and so on...) have to be respected (more information in iP24 user manual).

If you prefer to connect your computer directly to the iMode device you will have to:

- 1. set a manual IP address for your computer (i.e. 192.168.1.10) and set the subnet mask to 255.255.255.0
- start the device pushing and holding the "HOME" button, this will temporary assign IP address 192.168.1.34 to the device, as explained in "Troubleshooting" paragraph.

Step 2: enable the exception in the Java Control Panel

Before communicating with any iMode device we need to add the iMode's IP address to the Exception Site Lists in the Security tab of the Java Control Panel.

On Mac computers go to the settings, then click on the Java icon.





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On windows computer go to Start -> All programs -> Java -> Java Control Panel

		🖬 Java 🕨	🛃 Configura Java
			📓 Informazioni su Java
			🕌 Rileva aggiornamenti
Tutti i programmi 👂			🛃 Visita Java.com
🕗 Di			🕌 Visualizza la Guida
🦉 start			

In the Java Control Panel click on "Security" and then on "Edit Site List".

•••	Java Cont	rol Panel				
	General Update Java	Security	Advanced			
Enable Java content in the browser						
Security level for	r applications not on the Ex	ception Site li	st			
 Very High - authority a revoked. 	- Only Java applications ide re allowed to run, and only	ntified by a ce if the certifica	rtificate from a trusted te can be verified as not			
• High – Java applications identified by a certificate from a trusted authority are allowed to run, even if the revocation status of the certificate cannot be verified.						
Exception Site L	ist					
Applications I appropriate se	aunched from the sites liste	d below will b	be allowed to run after the			
Click Edit Site Li to add items to	st this list.		Edit Site List			
	Restore Securi	ty Prompts	Manage Certificates			
		ОК	Cancel Apply			

Then click on "Add" and write in the list the IP address of the iMode device preceded by "http://". In the following picture the IP address of the iMode device is 192.168.1.90.



	Exception Site List	
Applications launched from t prompts.	he sites listed below will be allowed to run after the appropriate	security
Location http://192.168.1.90		
	Add	Remove
• FILE and HTTP protocols	are considered a security risk. We recommend using HTTPS site:	s where available.
	ОК	Cancel

Step 3: use the web browser to communicate with the device

Now it is possible to communicate with the device using any web browser. If your web browser is already open please close it and re-open again in order to update the exception site list specified in the Java Control Panel.

Type the IP address of the iMode device in the browser's address bar.



The Java application will warn you about security issues (these are actually related to the fact that from the application it is possible to save the presets on the hard disk and this is now considered as a security issue from Java). Just check the box and click "Run".



You will see an other dialog box asking you if you would like to block some components. Click on "Don't block", you will see an other windows asking again the



same thing, just accept again (we are very close to start using iMode Java application!).

Security Warning					
P	Block potentially unsafe components from being run? Application: IP24/IP24				
Java has discovered application components that could indicate a security concern. Contact the application vendor to ensure that it has not been tampered with.					
!	The application contains both signed and unsigned code. More information				

Step 4: Rock and roll

Now you are connected to the unit and you can use all its functions.

