



AUG 058 / Rev. 1.2



M2Web - Browser-Based Mobile Remote Access

This application guide describes how to use the M2Web interface for mobile remote access.



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1. General Information

Scope

This application guide describes how to use the M2Web interface for mobile remote access.

Reference documents

Click on the hyperlink to download the relevant document.

- [R1] <u>AUG-0xx-0-EN-(Talk2M Account Configuration)</u>
- [R2] AUG-056-0-EN-(eCatcher 4 Security Features with a Talk2M Free+ Account)

Software & Configuration Requirements

- eCatcher version 4.2.0 or higher must be installed on your PC. You can download eCatcher from our support website http://support.ewon.biz
- You need your Talk2M account created as explained in [R1].
- The eWONs you want to connect to need to have firmware version 6.4s4 or higher.



2. Configuring a Device for M2Web Mobile Remote Access

Configuration Interface

eCatcher is used to configure a device connected to the eWON LAN that will be accessed remotely through M2Web. The relevant parameters are located in the **Properties** of the relevant **LAN Device**.

To access the list of the LAN devices of an eWON, select the eWON from the eWONs List and click **Properties** (If you are connected to this eWON, disconnect before editing its properties)

🔔 eCato	her (4.2.0 b	uild 14610)				(
	Active	connection				{
Users	My eW	ONs				{
R	🛨 Add	Properties	😫 Log	💉 Connect	💽 Refresh	
	Status		Na	me		LAN IP
Account	Offline		US	A		192.168.140.1
	Offline		tes	:tpbt		192.168.140.2 🧃
	🔊 Online	1	Te	st_VNC		192.168.140.57
	L Off 🔨	S. #15	Ma _ eV	/ONMilanoVIP.	and the state of	192,167,140

Then click the button "Configure LAN Devices & Firewall" located in the "LAN & Firewall" section.

🔔 eCato	her (4.2.0 build 14610)	c	_ D X	ŝ
		sdr VNC <u>Logout</u>	English 🔻 🚦	?.>
	eWON Properties: Test_VNC			5
eWONs	🗲 Back to eWONs 🛛 Talk2M Connectivity 🧭 Duplicate 🚡 Delete 🎯 Disable			1
*				
Users	🙎 Devices & Firewall			₹.
R				\mathbf{N}
	LAN: 192.168.140.53/24			<
Account	WARNING: All devices on the network are reachable by connecte			<
	- Beijer 192.168.140.32		Modify	<
	- Vipa 192.168.140.31			<
	- Weintek 192.168.140.30			\geq
				5
		\backslash	Modify	1
		\mathbf{X}		
		\mathbf{i}		1
		Configure LAN Devices 8	Eirewall	3
	Firewall:	Modify LA	N Cubrot	5
		Modily LA	IN SUDHEL	\geq
	Stariuaru High			3
	Standard: Talk2M users connected to this eWON may connect all devices on the LAN, whether declared hereabove or not.			5
	Line in the eldo	and the second second		1



Chapter 2 Configuring a Device for M2Web Mobile Remote Access

If your LAN devices have not been defined in this list yet, they can be added by clicking the button **Add LAN Device**. In the other case, select the existing device and click **Properties**.

Making Device Visible in M2Web

To enable the M2Web visibility of a LAN device, check the option "Visible in M2Web" in the **Properties** of this **LAN Device**.

eWON: Tes	IL_VNC		
Name:	Beijer]	OK
IP:	192.168.140.32	May include subnet. eg: 192.168.140.53/24 or 192.168.140.53/255.255.255.0	Cancel
Description:			
Port:	All Protocols (including ping)		

Selecting the Type of Access

The user can select the type of connection that M2Web is going to use.

The different types of connection are:

- HTTP Hypertext Transfer Protocol Can be used if the LAN device features a Web Server and hosts webpages (Ex : IP camera).
- **VNC** Virtual Network Computing Open source client/server desktop sharing system using the Remote Frame Buffer (RFB) protocol. Can be used if the LAN device features a VNC server (Ex : HMI, PC)
- RDP Remote Desktop Protocol Microsoft[®] client/server desktop sharing protocol. Can be used if the LAN device is RDP server. (Ex : PC running Microsoft[®] Windows XP,7,..)

- Warning -

HTTP requires eCatcher 4.0 or higher. VNC and RDP require eCatcher 4.2 or higher (No eWON firmware upgrade is needed).

There are 2 methods for selecting the type of connection:

The preferred method is with the drop-down field next to "Visible in M2Web. Using:"

This method is preferred because it allows to define a specific port in the field next to "**on port:**"



Chapter 2

Configuring a Device for M2Web Mobile Remote Access

2. LAN De	vice	
eWON: Tes	st_VNC	
Name:	Beijer	OK
IP:	192.168.140.32	May include subnet. Cancel eg: 192.168.140.53/255.255.255.0
Description:	:	
Port:	 All Protocols (including ping) 	
Visible i	Specific Protocol: HTTP +	

Alternatively, a second method consists in using the port filtering menu under the **Specific Protocol** field. In this case, there is no way to modify the port and the default port of the selected protocol (80 for HTTP, 5900 for VNC and 3389 for RDP) is then used.

LAN Device	hepe the set of	-	and the second second	X
eWON: Test_VNC				
Name: PC_Ren	note]		ОК
IP: 192.168	.140.17	May include subnet. eg: 192.168.140.53/24 or 192.168.140.5	3/255.255.255.0	Cancel
Description:				
Port: O All F	rotocols (including ping)	-		
Visible in M2Web	cific Protocol: HTTP HTTP FTP SNMP Telnet/VCOM ISOTCP (Siemens) ModBus/TCP EIP (Rockwell) fins or not.	metner declared nereabove		Modify
eV/C LAI eV/C LAN devices (192.168.14	WARNING Remote Desktop the eWOI TCP UDP Custom s: Advantech (192.168.140.34), Beijer 40.35) and 3 other devices.	(192.168.140.32), PC_Remote	Cancel Modify LAI	Firewall



3. Accessing a Device Remotely with M2Web

Common to all Hardware Platforms (PC or Smart)

Open your Internet browser and type the URL <u>https://m2web.talk2m.com/</u>. You access then the M2Web login page:



Enter your Account, Username and Password.

The **My eWONs** page lists all the eWONs existing in the account (Talk2M Free+) **OR** all eWONs the logged user has access to (Talk2M Pro). Devices highlighted in blue are those currently **Online** (hyperlink active),

← → C 🔒 https://m2web.talk2m.co	m/VNC/		☆ Ξ
🗰 Apps 🗀 My Bookmarks			Other bookmarks
Talk2M		Welco	ome, pbt - ACTL sa Logout
			MZWED
My eWONs			
Name Status Descrip	tion Custom Field 1	Custom Field 2	Custom Field 3
properties of the eWON.			Terms of Use Privacy



- Note -

The table displays a list of eWONs no matter if the devices behind the eWONs have been configured to be visible in M2Web or not.

To connect to a particular LAN device, develop its dependencies and click/tap on the device you want to access:

← -	🔶 C 🔒 https	s://m2web.	talk2m.com/VNC			ź	3 =
🔢 Ар	ops 🗀 My Book	marks				🗀 Other book	marks
T	alk <mark>2</mark>	M			Welcon	ne, pbt - ACT'L sa Logout	*
						M2Web	
	My eWO	Ns					
	Name	Status	Description	Custom Field 1	Custom Field 2	Custom Field 3	
₫	Test_VNC	Online					
$ \mathbf{U}^{\mathbf{U}} $	Advantech						
	Beijer FUT 2 P Rockwell Uniop Vipa	[full colors]					
	Weintek						
<u> </u>	testpbt USA	Offline Offline					-

Depending on the type of connection used, you may have to enter a password like in the VNC example below:





- Note -

Check the **256 colors** check box to speed up the display of the remote content.

After a while, the currently active page of the device appears:

← → C 🔒 https://m2web.talk2	m.com/VNC/Test_VNC/vnc:35139/	ت ک
🗰 Apps 🗀 My Bookmarks		🗀 Other bookmarks
	Marine Dashboard	2014-06-10
		Fuel Rate 95 Fuel Level 43
	Dashboard Recipe E	ingines Alarm

Clicking/tapping on the device buttons activates the relevant device functions.

Specific to Smart Platforms

On tablets and smartphones, there is no hardware keyboard and no mouse. Without this, it is then impossible to write a text or make a right click. For this reason, M2Web provides a set of commands that allows you to make all needed actions using the touch screen.

To open the menu of commands just tap and hold on the area displaying the screen of the remote device.



Chapter 3

Accessing a Device Remotely with M2Web



You will then have the possibility to display a keyboard, make a zoom in/out or send a right-click command. The "Home" button allows you to close the connection and come back to the main menu.



- Note -

Use the embedded keyboard (see above) to enter login and password for a RDP connection.



Revision

Revision History

Revision Level	Date	Description
1.0	09/12/2013	Initial version
1.1	01/07/2014	Review
1.2	11/02/2015	New Template

Document build number: 21

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