

This guideline illustrates the installation of the C-MOR Video Surveillance Virtual Machine with the free Virtualization Software VirtualBox from Oracle. The free C-MOR Video Surveillance Software is available here: <u>http://www.c-mor.com/video-surveillance-download</u>. Download the VirtualBox version:

C-MOR Video Surveillance VM Manual Setup C-mor-video-surveillance-v4-12pl09.zip	Details Download
C-MOR Video Surveillance VirtualBox	Details Download
C-MOR Video Surveillance VMware ESX C-mor-video-surveillance-v4-12pl09-esx-template.zip	Details Download
C-MOR Video Surveillance Xen Server C-mor-video-surveillance-v4-11pl08-xen.zip	Details Download

The first step of the installation is the download of Oracle's VirtualBox. This package is freely available under <u>http://www.virtualbox.org</u>. Once the VirtualBox is installed you will find the App in your Appliacations:



Extract the downloaded C-MOR VirtualBox ZIP file by double clicking on the file:

Name	Date Modified	Size 🗸
C-mor-video-surveillance-v4-12pl09.zip	03 Dec 2015 16:18	265,9 MB
Navigate to the extracted folder:		
🔻 📃 c-mor-video-surveillance-virtualbox-en-v4-12pl09	Today 09:27	
💗 C-MOR Video Surveillance-V4-12PL09.ova	07 Dec 2015 16:09	246,8 MB
ISTART_HEREHTM	02 Jan 2014 13:15	214 bytes



Double click on the "ova" image:

c-mor-video-surveillance-virtualbox-en-v4-12pl09	Today 09:27
💗 C-MOR Video Surveillance-V4-12PL09.ova	07 Dec 2015 16:09
1START_HEREHTM	02 Jan 2014 13:15

VirtualBox will open automatically:

Appliance settings	Mindowa 10 64bit DE	Preview		
These are the virtual maching suggested settings of the inchange many of the properties and disable others use	These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of the properties shown by double-clicking on the items and disable others using the check boxes below.			
Description	Configuration	ר ו		
Virtual System 1	/T-x/AMD-V, Nested Paging,			
Name	C-MOR Video Surveillan			
Product	C-MOR Video Surveillan			
Product-URL	https://www.c-mor.com			
	za-internet GmbH Germ			
Vendor-LIRI	https://www.c-mor.com			
Reinitialize the MAC add	dress of all network cards	one iso (54		
Controller: SAIA	optical Drivej v Doxottest-Additio	5115.150 (50		
Restore Defaults	Go Back Go Back Ca	ncel		

Important: Select "Reinitialize the MAC address of all network cards" prior clicking on "Import".



Next the license information show up:

The virtual system "C-MOR Video Surveillance" requires that you agree to the terms and conditions of the software license agreement shown below.				
Click Agree to c import.	ontinue or click Disagr	ee to cancel the		
Free for 1 came	era, extendable.	he check boxes h e		
Virtual S		Configuration		
5		C-MOR Vide		
\square		C-MOR Vide		
9		https://www.		
	Vendor	za-internet G		
Print	Save Disagre	e Agree		

C-MOR is free for the integration of one IP camera. Please order a license if you want to use more cameras. Alternatively you can ask for a 30 days trial license to test more than one camera.

Click "Agree" to proceed the import. After the import you will find the C-MOR Software Server in the left panel:



Double click on it to start the fresh installed software to start it. In the most cases the following warning shows up which indicates to select the right network adapter:



	C-MOR Video Surveillance [Powered Off]
	Could not start the machine C-MOR Video Surveillance because the following physical network interfaces were not found: en0: WLAN (AirPort) (adapter 1) You can either change the machine's network settings or stop the machine.
Co	Dy Close VM Change Network Settings
	💈 🌀 💭 🖉 🚍 🕊 🛄 🥔 🖲 Left #

Click on "Change Network Settings" to open the network settings and select the network adapter you want to use for the C-MOR Video Surveillance Server:

C-MOR Video Surveillance - Network						
General System Display	Storage Audio N	etwork Ports	Shared Folders	User Interface		
Enable Network Adapte Attached to: Name: Advanced Adapter Type: Deministration Made	dapter 1 Adapter r Bridged Adapter ✓ en0: Wi-Fi (AirPor en1: Thunderbolt bridge0 p2p0 awdl0	2 Adapter 3	Adapter 4		0	
MAC Address:	080027BD9EEF	d			1	
?				Cancel	ОК	

Click "OK" after selection the network adapter will start the server and following console window shows up:



	GNU GRUB	version 1.98+20100804–14+squeeze1
Starting C-MOR	Video Surv	/eillance
Use the ↑ ⇒ Press ente before boo	and ≁ keys ∽ to boot t ting or 'c'	to select which entry is highlighted. the selected OS, 'e' to edit the commands ' for a command–line.

After the automatic reboot the standard IP address is set to 192.168.1.2 with the netmask 255.255.255.0:

C-MOR Console M	enu:	
	====	
The current Net	work Settings o	f this C-MOR are:
TP Address:	192,168,1,2	Network Mask: 255.255.255.0
Gateway:	192.168.1.1	DNS1: 8.8.8.8 DNS2: 172.20.1.1
MAC Address:	00:15:5d:01:b2	:22
 Print Interf Change IP Se Reboot C-MOR Shutdown C-M Reset Networ Set Default Menu selection: 	ace Settings ttings OR K Settings and H Language	Reboot



Now select menu number 2 to change the IP to fit to your network: You are asked for the admin password. The default password of C-MOR is "admin".

Print Interface Settings 2. Change IP Settings 3. Reboot C–MOR 4. Shutdown C–MOR 5. Reset Network Settings and Reboot 6. Set Default Language Menu selection: 2 Enter the C–MOR admin password: Menu 2 selected Enter new IP address (no validation check): 172.20.1.234 Enter new netmask (use 255.0.0.0 if not sure): 255.255.255.0 Enter new gateway address (no validation check): 172.20.1.1 The Name Servers are set to: 8.8.8.8, 172.20.1.1. Do you want to change the Name Servers? This is optionally! (y/N) y Enter new netmask (use 255.0.0.0 if not sure): 255.255.255.0 Enter new gateway address (no validation check): 172.20.1.1 The Name Servers are set to: 8.8.8.8, 172.20.1.1. Do you want to change the Name Servers? This is optionally! (y/N) y Enter first DNS Server (use 8.8.8.8 if not sure): 8.8.8.8 Enter second DNS Server (use 8.8.4.4 if not sure): 172.20.1.1 New IP address: 172.20.1.234 New Netmask: 255.255.255.0 New Gateway: 172.20.1.1 New DNS Server 1: 8.8.8.8 New DNS Server 2: 172.20.1.1 s this correct? (y/N) y

The just made settings are displayed on the console.



-MOR Console Menu: The current Network Settings of this C–MOR are: IP Address: 172.20.1.234 Network Mask: 255.255.255.0 Gateway: 172.20.1.1 DNS1: 8.8.8.8 DNS2: 172.20.1.1 MAC Address: 00:15:5d:01:b2:22 1. Print Interface Settings . Change IP Settings Reboot C-MOR Shutdown C-MOR 1. 5. Reset Network Settings and Reboot 5. Set Default Language Menu selection:

After setting up the IP information correctly the C-MOR will be available through the web. In this example simply type http://172.20.1.234 (or whatever you did set up) and use the username "admin" with password "admin" to log in.

First of all a disclaimer is displayed. You have to accept the disclaimer to use C-MOR:

Disclaimer

1- Limitation of Liability. NOTWITHSTANDING ANYTHING ELSE IN THIS AGREEMENT OR OTHERWISE, C-MOR WILL IN NO EVENT BE LIABLE WITH RESPECT TO ANY SUBJECT MATTER UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL, CONTRACTUAL OR EQUITABLE THEORY FOR: (I) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, HOWEVER CAUSED AND WHETHER OR NOT ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH DAMAGES; OR (II) DAMAGES FOR LOST PROFITS OR LOST DATA; OR (III) COST OF PROCUREMENT OF SUBSTITUTE GOODS, TECHNOLOGY OR SERVICES. NOTWITHSTANDING ANYTHING IN THIS AGREEMENT TO THE CONTRARY OR THE FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITATION OF LIABILITY OR LIMITED REMEDY, C-MOR'S ENTIRE AGGREGATE LIABILITY ARISING FROM OR RELATING TO THIS AGREEMENT OR THE SUBJECT MATTER HEREOF, UNDER ANY LEGAL THEORY, WHETHER IN CONTRACT, TORT, INDEMNITY OR OTHERWISE, SHALL BE LIMITED TO THE AMOUNTS RECEIVED BY C-MOR UNDER THIS AGREEMENT WITH RESPECT TO THE PARTICULAR TRANSACTION GIVING RISE TO THE CLAIM REDUCED BY 1/24 OF THE PRICE PAID BY RESELLER FOR EACH MONTH SUCH APPLICABLE END USER HAS HAD THE PRODUCT.

2- C-MOR does not warrant that the use or operation of this product will be error free, nor does it warrant that any data stored on the product will remain accessible or uncorrupted. To protect against accidental data loss, back up your data frequently to multiple types of storage media.



After clicking "Accept Disclaimer" the start screen of C-MOR shows up:



C-MOR was successfully installed now. Now move to the menu "System Administration" and configure your cameras.

0 MDR	IP Video Surveillance	1. C.	(FOS)		Motio	n Detection is on Email Alarm is on Script-S	Stream 🔻 💳 😹
C-PICK	Start Menu 🕅	Quickstart	Recordings		System Administration	System Status	Logout
and you see more! Your are in the	Cam 1 Cam 2 Cam 3			untorm Admin	nistration		
System Administration			Sy	stem Aumi	iistration		
Menu							
Network Configuration	License Installation						
Internet Proxy Configuration	Please install a C-MOR license t	o enable all funct	ions of C-MOR and activ	ate more than	one cameral		
Alarm Emails				ate more than	one camera:		
Time Setting	License Installation						
Time Zone	System Name	_		_			open/close
Time Server	Network Configuration						(open/close)
Start/Stop Recordings							
Archiving	Proxy Server Configuration	on					open/close
Automatic deletion of oldest recordings	Email Alarm						open/close
Cam Configuration							
User Administration	Set Time	_		_			open/close
User Camera Settings	Configuration of the Time	Zone					open/close
FTP Server Configuration							
System Language	Time Server						open/close
Video Size Start Screen	Start/Stop Recordings						open/close
Remote Access Configuration							
C-MOR Stacking	Storage Time of Recordin	igs					open/close
System Restart	Automatic Deletion of old	est Recordin	gs				open/close
System Shutdown							
C-MOR Software Update	Camera Configuration						open/close
License Upgrade	Change Configuration Camera 1						
Backups	Change Configuration Camera 2						
	Change Configuration Camera 3						

More Information for the configuration of C-MOR you can find on "User Manual for C-MOR IP V4 Video Surveillance".

The Note "License Installation" just appears at the free version of C-MOR. If you have a licensed version yet, this note will not appear anymore.