

# Installation Guide C-MOR Video Surveillance on a free virtual machine

## Installation for experts with own partitioning



You have already a virtual machine on your desktop PC like Xen, Hyper-V, VMware or VirtualBox. You have already read the documentary how to install C-MOR on a virtual machine. And now you made the decision for installing C-MOR with your own partitions and have already pressed enter to start the installation.

```
ISOLINUX 4.02 debian-20101014 ETCD Copyright (C) 1994-2010 H. Peter Anvin et al

Press <enter> to start the C-MOR installation.

boot: _
```

Please choose „Interactively“ to install your own hard drive partitioning.

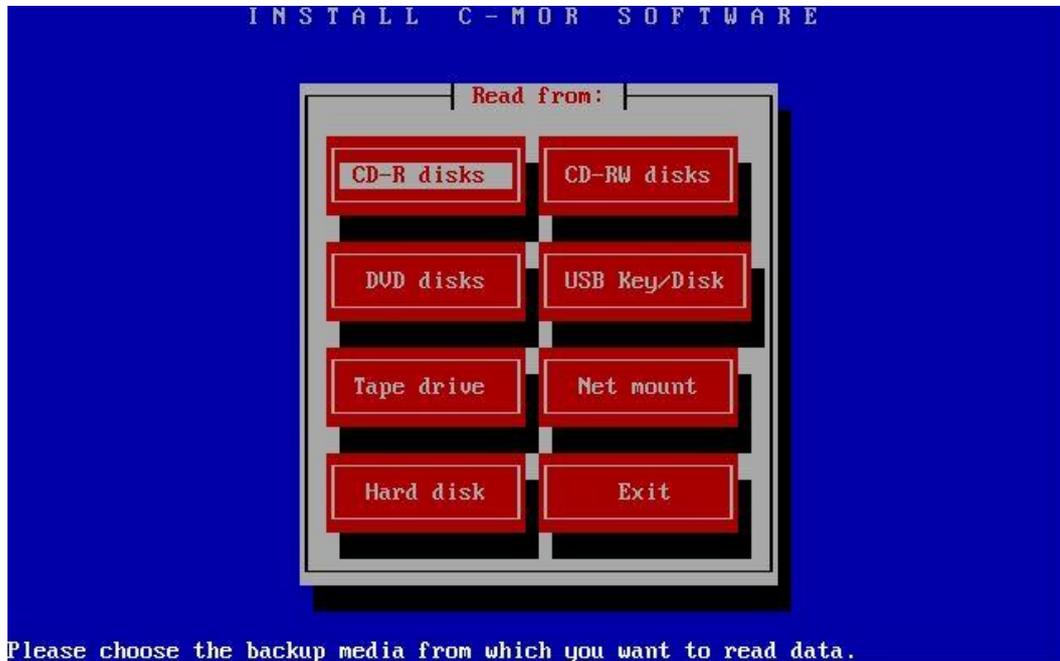


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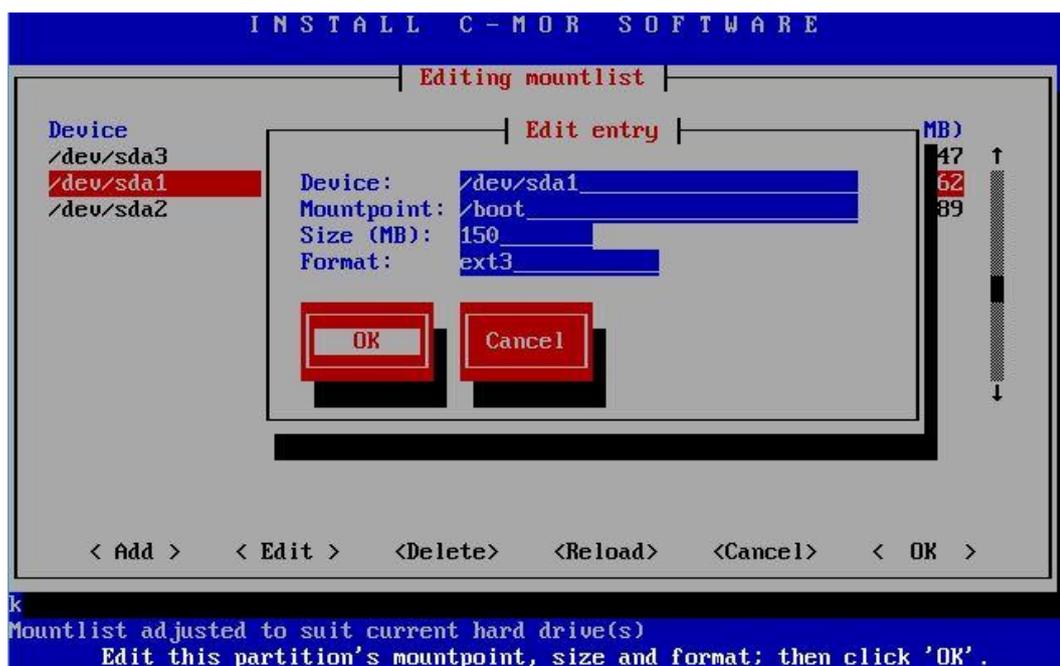
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The next menu shows you a list of media from which you can read the ISO file.  
Please choose „CD-R disks“ and confirm your selection by pressing enter:



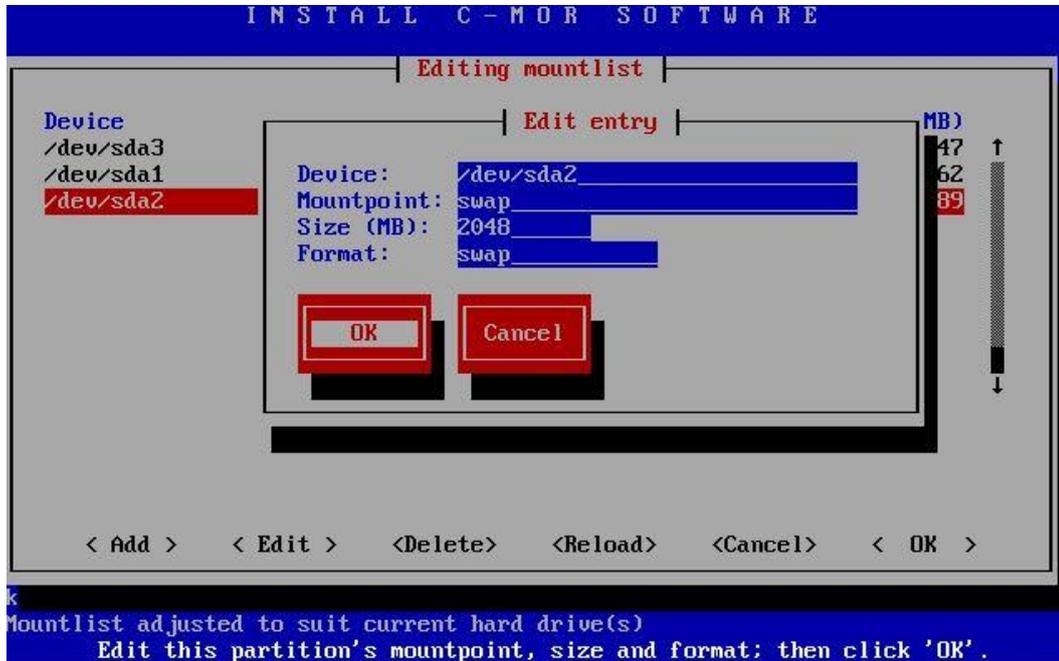
Now you have to make your own partitioning:  
Set boot space always on 150MB.



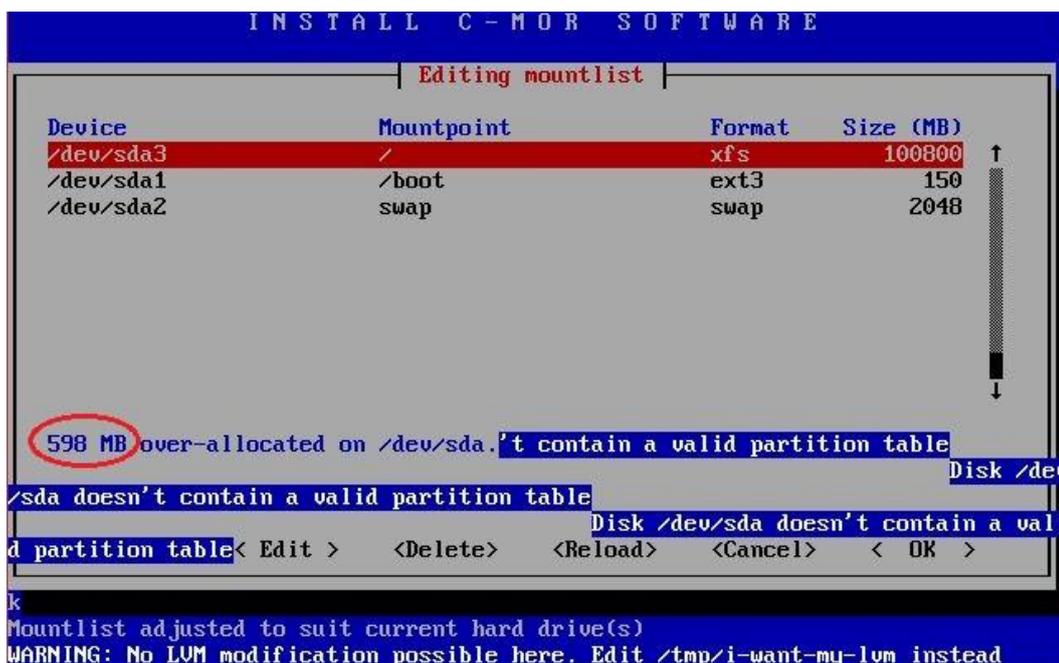
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Set swap space always on 2048MB.



At least you have to set your virtual hard disc space. This is dependent of the size you have set earlier by configure your hard disc. If you have for example chose 100GB as hard disc space. In our case we have to set 100202MB. But you can easily check it. If you for example insert 100800MB the console will show you a message, that it is „598 MB overloaded“ so you have to subtract the overloaded information from the value you have insert.

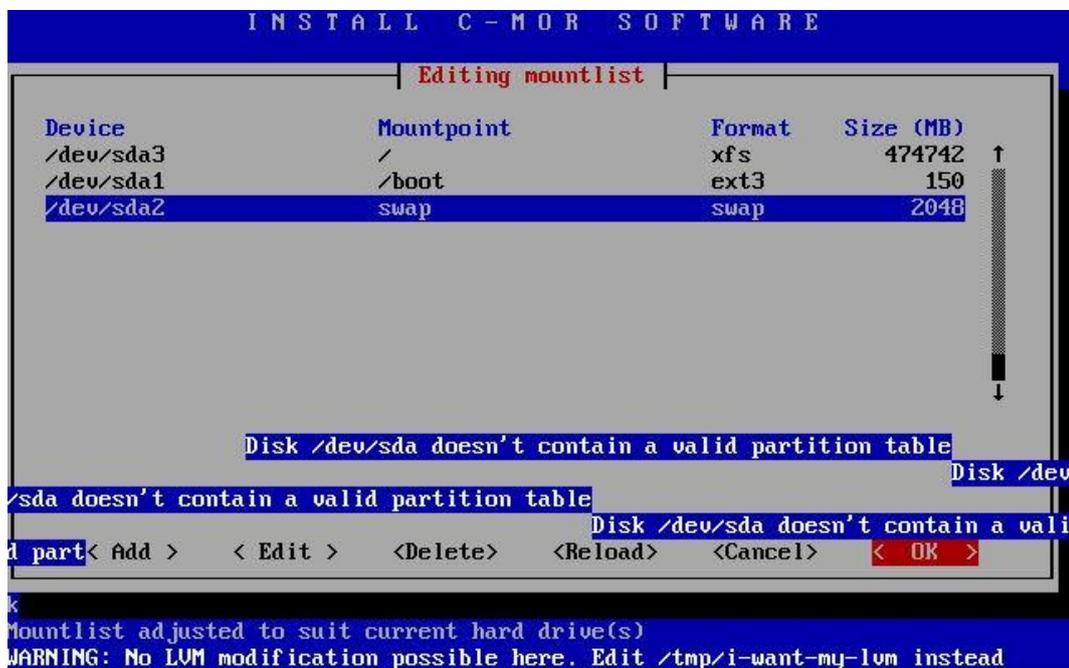


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If there appears some messages of failure, just ignore them and go on:



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Now the C-MOR Installer will ask you if you want to save your mountlist. Reply this request with „Yes“.



Please reply the next request „erase and partition“ also with „Yes“:



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Now you see the progress of your installation on the console:

```
INSTALL C-MOR SOFTWARE
Installing Interactively

CAUTION

Be advised: I am about to ERASE your hard disk(s)!
You may press Ctrl+Alt+Del to abort safely.

You have 14 seconds left to abort.

0:06 taken          0:14 remaining
30% done            70% to go

Changing /
Changing /dev/sda1 from 88326 KB to 883545 KB
Changing /dev/sda2 from 265068 KB to 2651535 KB

kinal_size = 102400 MB
Mountlist adjusted to suit current hard drive(s)
Be advised: I am about to ERASE your hard disk(s)!
```

```
INSTALL C-MOR SOFTWARE
Installing Interactively

Partitioning hard drives
Formatting partitions

Done.

Formatting partitions

I am now formatting your hard disk partitions.
This may take up to five minutes.

Complete

0:14 taken          0:00 remaining
100% done           0% to go

final_size = 102400 MB
Mountlist adjusted to suit current hard drive(s)
...OK
...OK
...OK

I am now formatting your hard disk partitions.
```

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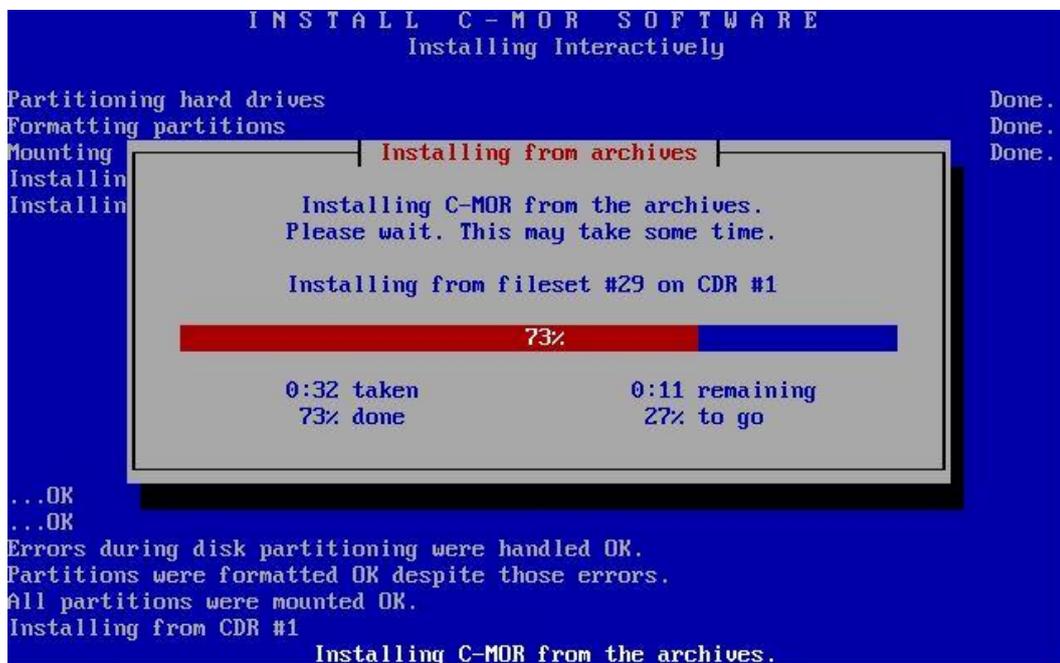
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Reply the next question „Do you want me to install all your data“ also with „yes“:



You will see the progress of your installation:



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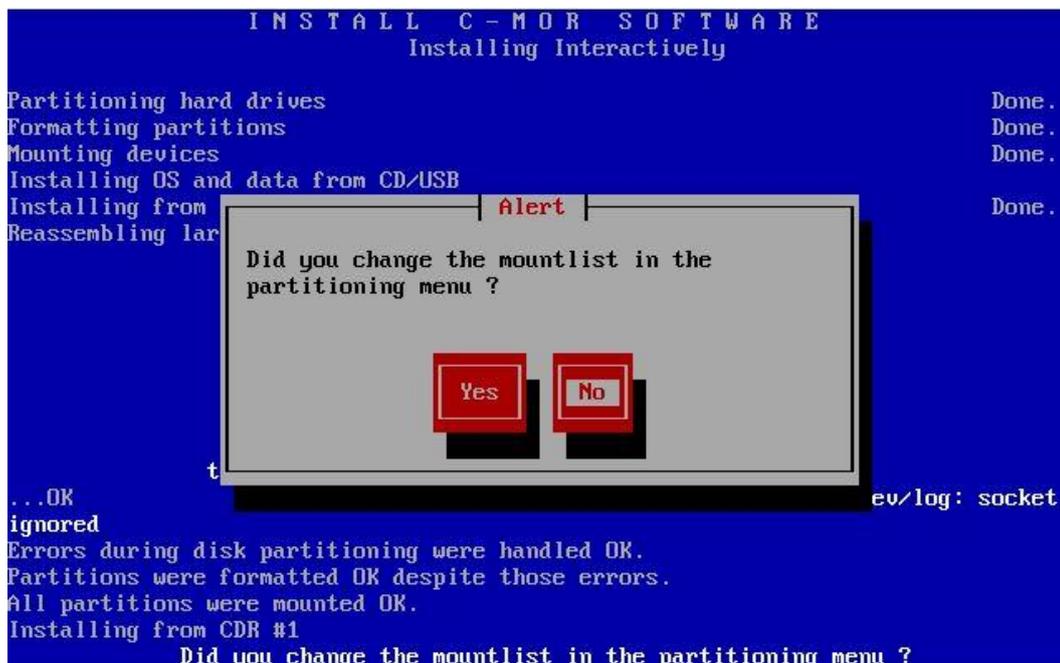


„Initialize the boot loader?“ Please confirm this request with „yes“:



After there will be 2 requests you have to answer with „No“:

First:



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Second:

```
INSTALL C-MOR SOFTWARE
Installing Interactively

Partitioning hard drives Done.
Formatting partitions Done.
Mounting devices Done.
Installing OS and data from CD/USB
Installing from Done.
Running GRUB... Done.
Unmounting device Done.

Alert
Label/Identify your ext2/ext3/ext4
partitions if necessary?

Yes No

Errors during dis
Partitions were formatted OK despite those errors.
All partitions were mounted OK.
Installing from CDR #1
Your boot loader ran OK
All partitions were unmounted OK.
Label/Identify your ext2/ext3/ext4 partitions if necessary?
```

Your C-MOR virtual machine is now installed! C-MOR will be restart. In favor you have to insert „exit“ and to press enter.

```
Running GRUB... Done.
Unmounting devices Done.
Run complete. Please remove media and reboot.

All partitions were mounted OK.sh: can't create /tmp/mondo.tmp.nGWIUo/mondo-run-
prog-thing.tmp: nonexistent directory
Your boot loader ran OK sh: can't create /tmp/mondo.tmp.nGWIUo/mond
o-run-prog-thing.tmp: nonexistent directory
Restore log (/var/log/mondorestore.log) copied to /var/log on your hard disk
Mondo-restore is exiting (retval=0)
Execution run ended; result=0
Type 'less /var/log/mondorestore.log' to see the output log
Type 'exit' to reboot the PC

BusyBox v1.18.5-r3091 (2013-03-15 09:03:55 CET) built-in shell (ash)
Enter 'help' for a list of built-in commands.

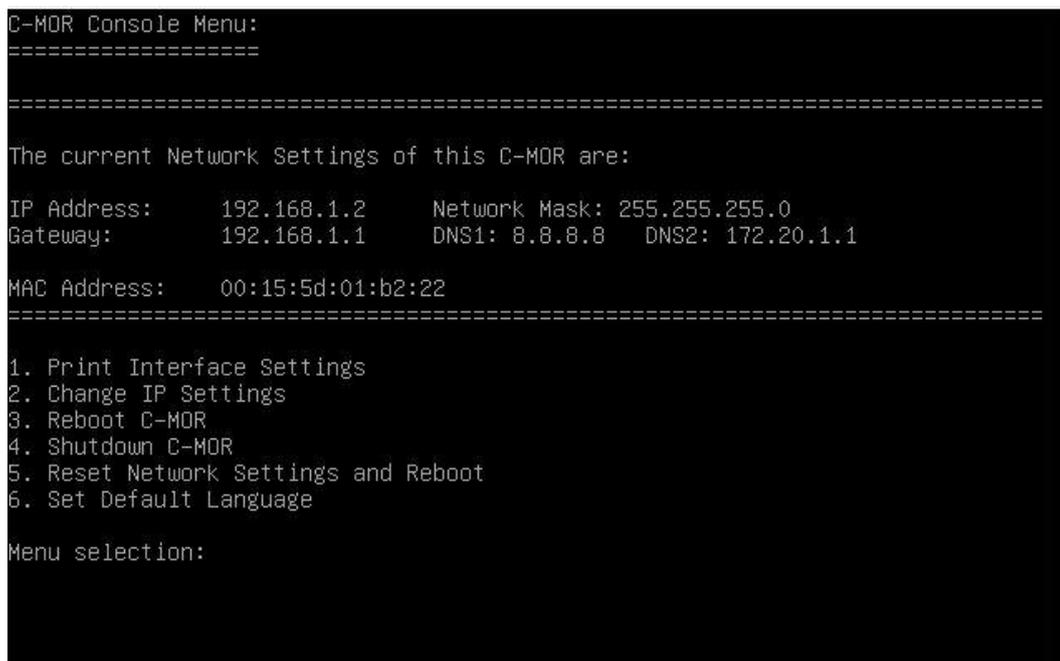
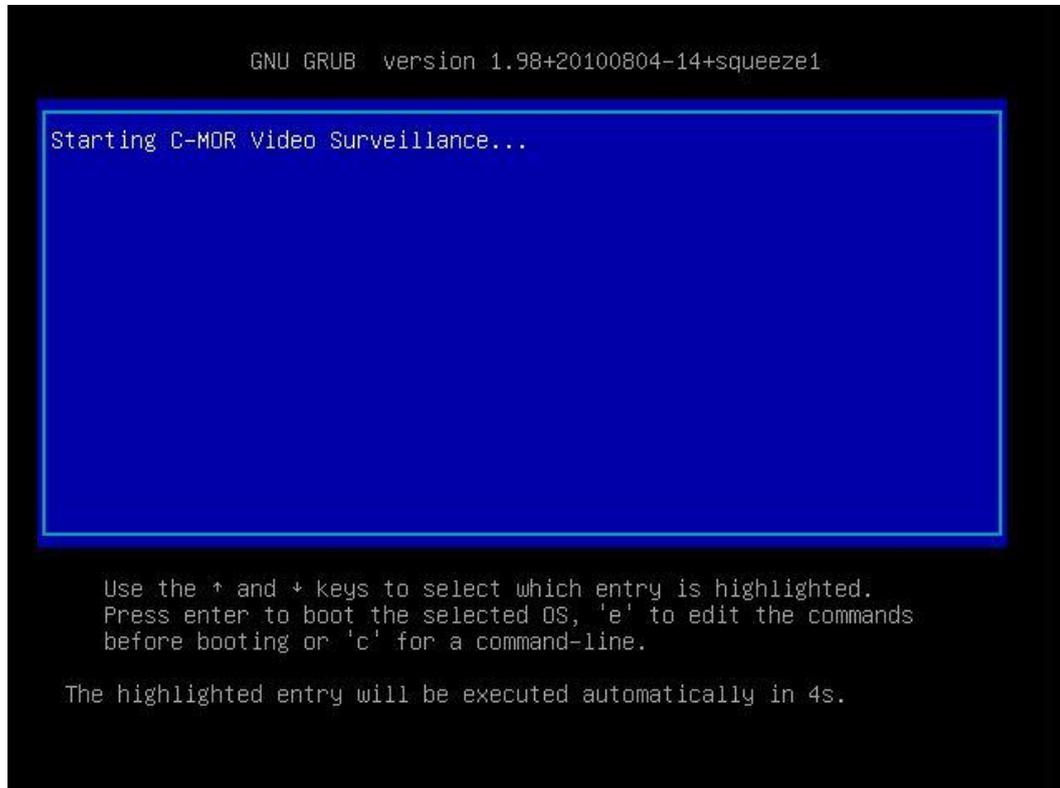
# exit_
```

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Now C-MOR will boot and restart once for initial settings! After you see C-MORs standard configuration. Now you are able to change the network information by selecting „2“.



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The last point of the installation is the correct configuration of the IP address for C-MOR. This is done via the C-MOR console. It is important that the IP address is still free in your network. The IP addresses in this example shown are only examples. Only in exceptional cases the IP addresses matches for your network

You are able to insert your desired IP address. Before you can change the C-MOR installer will ask you for the administrator password. The default password is „admin“.

```
1. 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

Is this correct? (y/N) y_
```

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If you have insert your new network information right, you will see them on the console:

```
C-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
2. Change IP Settings
3. Reboot C-MOR
4. Shutdown C-MOR
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Menu selection:
```

Now you can work with the web-browser, just enter your desired ip-address to open the C-MOR surface, in our case we have to insert <http://172.20.1.234>. Your Login is „admin“ and your password is „admin“. It appears a disclaimer which you have to accept to use C-MOR:

#### Disclaimer

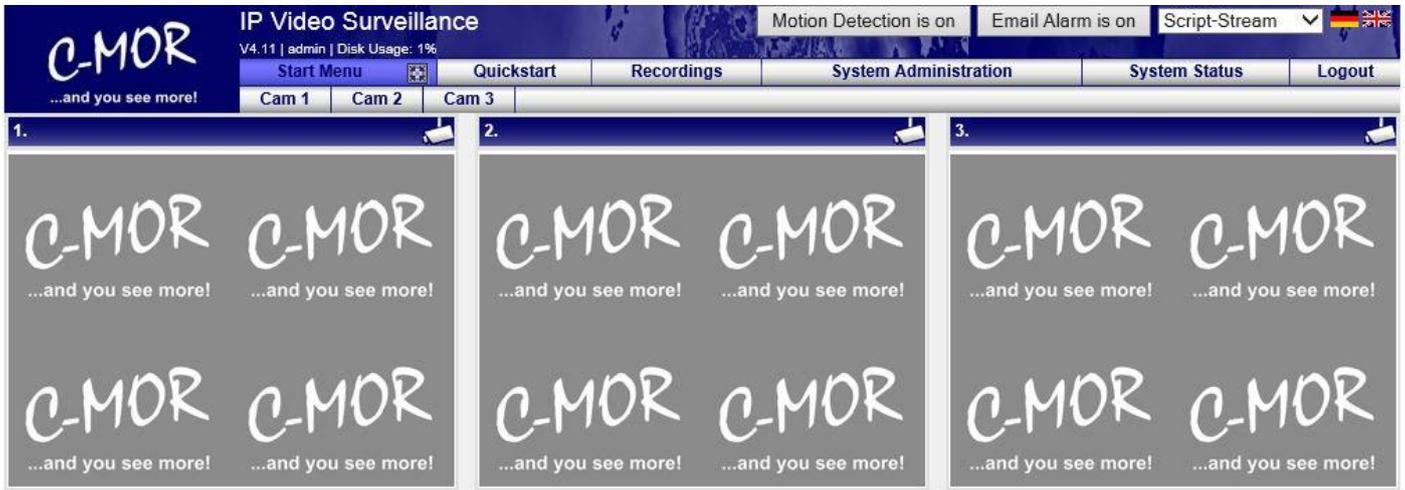
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2- C-MOR does not warrant that the use or operation of this product will be error free, nor does it warrant that any data stored on the product will remain accessible or uncorrupted. To protect against accidental data loss, back up your data frequently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

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After accepting the disclaimer you are on the start page of C-MOR:



The C-MOR installation is finished. Change the menu to „System Administration“ and configure your cameras.

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The screenshot shows the C-MOR IP Video Surveillance web interface. The top navigation bar includes 'Start Menu', 'Quickstart', 'Recordings', 'System Administration' (selected), 'System Status', and 'Logout'. The left sidebar lists various configuration options under 'System Administration Menu'. The main content area is titled 'System Administration' and contains a 'License Installation' section with a note: 'Please install a C-MOR license to enable all functions of C-MOR and activate more than one camera!'. Below this are several expandable configuration sections: 'System Name', 'Network Configuration', 'Proxy Server Configuration', 'Email Alarm', 'Set Time', 'Configuration of the Time Zone', 'Time Server', 'Start/Stop Recordings', 'Storage Time of Recordings', 'Automatic Deletion of oldest Recordings', and 'Camera Configuration'. The 'Camera Configuration' section is circled in red and contains three buttons: 'Change Configuration Camera 1', 'Change Configuration Camera 2', and '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.