# bosch videojet x40 manual

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**Book Descriptions:**

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Other applications are not permitted.Check that the delivery is complete and in perfect condition. Have your unit checked by Bosch Security Systems if you detect any damage.Web browser connections can be protected using HTTPS. You can protect the control channels via the SSL encryption protocol. With an additional license, the user data itself can be encrypted.For more information about the LEDs, see Section 8.4 LEDs, page 114. For terminal block assignment, see Section 8.7 Terminal Block, page 116.NOTICE! You can obtain a list of compatible iSCSI systems from your supplier or directly from Bosch Security Systems. This list is constantly being updated and extended. 4.3.6. Check that the signals on the Connect LED on the VideoJet X40 and the remote indicator LED correspond.If the CD does not start automatically, open the Configuration Manager directory using Windows Explorer and doubleclick Setup.exe. Follow the onscreen instructions.If the CD does not start automatically, open the root directory of the CD in Windows Explorer and doubleclick MPEGAx.exe. Follow the onscreen instructions.All settings are stored in the VideoJet X40s memory so that they are retained even if the power supply is interrupted.CAUTION! Save each change with the associated Set button. Clicking the Set button saves the settings only in the current field.After activation, all images are marked with a green W. A red W indicates that the sequence live or saved has been manipulated.Enter the current time or click the Synchr. PC button to copy your computers system time to the VideoJet X40.This supports a high level of accuracy and is required for special applications and subsequent function extensions.If the value entered here is too low, it will automatically be adjusted. Bosch Security Systems Installation and Operating Manual. NOTICE! In some cases, selecting the VCR option can lead to an improvement in the video image even with a camera connected.[http://elk43.com/userfiles_1/complete-learn-to-play-guitar-manual-review.xml](http://elk43.com/userfiles_1/complete-learn-to-play-guitar-manual-review.xml)

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When setting this parameter, ensure that the units date and time are always correctly set.An enabled camera input is indicated by a check mark.The VRM is an external program for configuring recording tasks for video servers. For further information please contact your local customer service at Bosch Security Systems. Click the Read button. The connection to the IP address will be established.A new window will open. In this window, click Clear to delete all entries. The entries will be deleted immediately. This action cannot be reversed.A pie chart indicates how much memory space is partitioned for recordings.A new window with the entries for the selected partition is opened. Click OK to close the window.A new window will open. Select the setting you require from individual parameter list fields. Click the Set button to apply the calculated value.For each profile, click the Set button to save the settings in the unit.Click the Clear all button to deselect all of the intervals. When you are finished, click the Set button to save the settings in the unit.The VideoJet X40 can use this general password to connect to all remote stations protected with the same password. Enter the desired settings. Click the Default button to return all settings to their default, if appropriate.You can find information on this in the relevant documents on the product CD supplied see Section 3.1 Scope of Delivery, page 11. Click OK to save the configuration.You can obtain information on operating your cellphone from your cellphone provider.If the transfer was successful, the message Script successfully parsed is displayed over the text field. If it was not successful, an error message will be displayed with further information.The default HTTP port is 80. If you want to

allow only secure connections via HTTPS, you must deactivate the HTTP port. In this case, select Off.

Certain applications VIDOS, Bosch Video Management System, Archive Player, Configuration Manager use the IP address for the unique allocation of the unit. When using such. This value must be greater than one if multicast is to be run via a router. Bosch Security Systems Installation and Operating Manual. If the box is checked, keys will be automatically exchanged.The image file is not stored in the VideoJet X40.If necessary, click Browse to find a suitable directory.If the CD does not start automatically, open the root directory of the CD in Windows Explorer and doubleclick MPEGAx.exe. Follow the onscreen instructions.Enter the VideoJet X40s IP address as the URL.Depending on the unit and network configuration, each VideoJet X40 can have up to 25 Web browser connections or up to 50 connections via VIDOS or Bosch Video Management System. 6.2.2. To activate this, click the icon for the corresponding relay next to the video image.A red dot in the icon indicates that recording is in progress. Click the icon again to stop recording. NOTICE! You can play back saved video sequences using the Player from Bosch Security Systems, which can be installed from the product CD supplied see Section 3.1 Scope of Delivery, page 11. A message is displayed below the mouse cursor.A new window will open. Click the Print button to start the printing process. Click the close button X in the window title bar to close the window again.NOTICE! In order to play back saved sequences using the Player, suitable MPEG ActiveX software must be installed on the computer. You do not need a computer to make the connection in this case.It allows you to integrate your existing components into a simpletocontrol system or into the entire Bosch range, benefiting from a complete security solution based on the latest technology and years of experience. All settings will revert to their defaults. Change the IP address of the VideoJet X40 if necessary. Configure the unit to meet your requirements.

Your Bosch product is designed and manufactured with high quality materials and components which can be recycled and reused. This symbol means that electrical and electronic equipment, at their endoflife, should be disposed of separately from your household waste. You can view a range of information about your unit version on the Version Information page see Section 5.31 Version Information, page 84. Lights up orange Hard drive fitted.The mode used depends on the current configuration see Section 5.27 COM1, page 74. Connection is via the terminal block.When you have entered a value such as an IP address, check the characters you have entered before pressing Enter to transfer the values to the VideoJet X40. There are various memory options for recording the images captured by the connected camera. The unit is intended for use with CCTV systems. Rating Plate For exact identification, the model name and serial number are inscribed on the bottom of the housing. The power supply unit does not contain any userserviceable parts. Check that the delivery is complete and in perfect condition. Arrange for the unit to be checked by Bosch Security Systems if you find any damage.Video images from a single sender can be received simultaneously on multiple receivers. The VideoJet X40 SN supports ANR technology, which guarantees seamless recording without gaps via VIDOSNVR, even during network failures. The relative humidity must not exceed 95%. The VideoJet X40 SN generates heat during operation, so you should ensure that there is adequate ventilation and enough clearance between the unit and heatsensitive objects or equipment. Data Interface The bidirectional data interface is used to control units connected to the VideoJet X40 SN, such as a dome camera with a motorized lens. The connection supports the RS232, RS422 and RS485 transmission standards. The LED also provides information on the operational state of the unit and signals a unit defect see Section 8.4 LEDs, page 113.

To do this, you can connect the VideoJet X40 SN directly to a battery via the BP and GND contacts. The correct time is crucial for evaluating local recordings. Power is supplied via a separate unit. Connect the VideoJet X40 SN to the power supply unit and plug this into the mains. The unit is now

ready for use. The VideoJet X40 SN does not come supplied with a power supply unit. To do this, rightclick the entry for the unit. This option is an alternative to configuration using the Configuration Manager program and is considerably richer in function and more convenient than configuration using the terminal program. The following default address is preset at the factory 192.168.0.1 Start the Web browser. All settings are backed up in the VideoJet X40 SN memory so they are not lost even if the power fails. The Web browser opens a new page with the configuration menu. Navigation Click one of the menu items in the left window margin. The corresponding submenu is displayed. The name makes the task of administering multiple units in larger video monitoring systems easier, for example using the VIDOS or Bosch Video Management System programs. You can use different authorization levels to limit access. The VideoJet X40 SN operates with three authorization levels service, user and live. IP address Enter the desired IP address for the VideoJet X40 SN in this field. The IP address must be valid for the network. Subnet mask Enter the appropriate subnet mask for the selected IP address here. Otherwise leave the box blank 0.0.0.0. The current video image is shown in the small window next to the slide controls to help you check the selected audio source and improve assignments. For longterm, authoritative images, it is essential that you use an appropriately sized iSCSI system. The name makes the task of administering multiple units in larger video monitoring systems easier, for example using the VIDOS or Bosch Video Management System programs. The window will close.

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Initiator extension You can attach your own text to the initiator name of the VideoJet X40 SN to make the unit easier to identify in large iSCSI systems. This text is added to the initiator name, separated from it by a full stop. Unit time zone Select the time zone in which your system is located. Time server IP address The VideoJet X40 SN can receive the time signal from a time server using various time server protocols, and then use it to set the internal clock. The unit polls the time signal automatically once every minute. It can be displayed at the Top, at the Bottom or at a position of your choice that you can then specify using the Custom option. Or it can be set to Off for no overlay information. The image file is not stored in the VideoJet X40 SN. Website language Select the language for the user interface here. Lease time s The lease time in seconds determines the time beyond which a different user is authorized to control the cameras after no further control signals are received from the current user. If an alarm is active, the corresponding icon changes color. Show relay outputs Relay outputs are shown next to the video image as icons, along with their assigned names. You can then view, edit and print this file with any text editor or the standard Office software. The terminating resistance must be deactivated for the video signal to be looped through. Every video input is closed at the time of delivery. The current video image is displayed in the small window next to the slide controls as confirmation. Your changes are effective immediately. To this end, the VideoJet X40 SN simultaneously generates two data streams Dual Streaming for each video input, which compression settings you can select individually, for example one setting for transmissions to the Internet and one for LAN connections. The target data rate should be set according to the desired picture quality for typical scenes with no excessive motion.

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The Auto option automatically adjusts to the optimum combination of movement and image definition focus. Alternatively, you can use the slide control to select a value between 1 and 100. A value of 100 results in a very high refresh rate and lower image quality. The current video image is shown in the small window next to the slide controls to help you check the selected audio source and improve assignments. For longterm, authoritative images, it is essential that you use an appropriately sized iSCSI system. If a storage medium is already being used by another user, you can decouple the user and connect the drive with the VideoJet X40 SN. Before decoupling, make absolutely sure that the previous user no longer needs the storage medium. Recording 1

corresponds to Stream 1, Recording 2 corresponds to Stream 2. This means you can record video images from a camera that does not have its own storage media, for example. You will then use these recording profiles in the recording scheduler, where they are linked with the individual days and times see Section 5.25 Advanced Mode Recording Scheduler, page 60. The numbering of the checkboxes for the alarm inputs corresponds to the labeling of the alarm inputs on the VideoJet X40 SN. The motion and video loss alarm corresponds to the labeling on the video inputs. Including metadata could make subsequent searches of recordings easier but it requires additional memory capacity. Running recordings are interrupted and the configuration can be changed. Recording status The graphic indicates the recording activity of the VideoJet X40 SN. You will see an animated graphic while recording is taking place.In the event of an alarm, the unit can automatically connect to a predefined IP address. You can enter up to ten IP addresses to which the VideoJet X40 SN will connect in sequence in the event of an alarm, until a connection is made.

The VideoJet X40 SN can use this general password to connect to all remote stations protected with the same password. In this case, proceed as follows Select 10 from the Number of destination IP address list field. This requires the appropriate certificates to be uploaded onto the VideoJet X40 SN see Section Maintenance log, page 90. You can activate and configure encryption of the media data video, audio and metadata on the Encryption page see Section 5.42 Advanced Mode Encryption, page 88. Such changes can be due to movements in the cameras field of view. You can save profiles on your computers hard drive and load saved profiles from there. This can be useful if you want to test a number of different configurations. You can find information on this in the relevant documents on the product CD supplied. The sensor reacts to variations in the brightness of the video image. The darker the observation area, the higher the value that must be selected. This setting is independent of the sensor fields selected under Select Area. Set a high value if fewer sensor fields need to change to trigger an alarm. Activated fields are marked yellow. If necessary, click Select All to select the entire video frame for monitoring. Rightclick any fields you wish to deactivate. Click in a field in the table, hold down the mouse button and drag the cursor over all the periods to be assigned to the selected profile. You can configure signal strengths and frequency ranges in such a way that false alarms, for example due to machine noise or background noise, are avoided. Outgoing emails are sent to the mail server via the address you entered. Editing scripts on this page overwrites all settings and entries on the other alarm pages. This procedure cannot be reversed. In order to edit this page, you must have programming knowledge and be familiar with the information in the Alarm Task Script Language document.

cffcommunications.nl/wp-content/plugins/formcraft/file-upload/server/content/files/1\/1626c70267011c---6to4-is-a-manual-tunnel-method.pdf

Alarm input Select Active high if the alarm is to be triggered when the contact closes. Select Active low if the alarm is to be triggered when the contact opens. For example, if you want an alarmactivated lamp to stay on after the alarm ends, select Bistable. If you wish an alarmactivated siren to sound for ten seconds, for example, select 10 s. However, after about 15 seconds of inactivity the data connection is automatically terminated and another remote location can exchange transparent data with the unit. Some changes only take effect after the unit is rebooted. In this case, the Set button changes to Set and Reboot. IP address Enter the desired IP address for the VideoJet X40 SN in this field. Subnet mask Enter the appropriate subnet mask for the selected IP address here. The potential value depends on the network structure. A higher value is only useful if the iSCSI system is located in the same subnet as the VideoJet X40 SN. Enable DynDNS DynDNS.org is a DNS hosting service that stores IP addresses in a database ready for use. To transfer the IP address of the VideoJet X40 SN, click the Register button. Status The status of the DynDNS function is displayed here for information purposes. To configure the unit, you must connect the VideoJet X40 SN directly to a computer using a network cable. This is because communication via the network is not enabled

until the Identity and Password parameters have been set and successfully authenticated. The device either duplicates the data stream itself and then distributes it to multiple receivers Multiunicast or it sends a single data stream to the network, where the data stream is simultaneously distributed to multiple receivers in a defined group Multicast. With the setting 0.0.0.0 the encoder for the relevant stream operates in multiunicast mode copying of data streams in the unit. The VideoJet X40 SN supports multiunicast connections for up to five simultaneously connected receivers.

To do this, transfer the current firmware package to the unit via the selected network. It will then be automatically installed there. Upload Enter the full path of the file to upload or click Browse to select the required file. NOTICE! The activation key cannot be deactivated again and is not transferable to other units. You should therefore check that it is functioning correctly after installation and configuration. The function test is the only way to ensure that the VideoJet X40 SN operates as expected in the event of an alarm. The following default address is preset at the factory 192.168.0.1 Start the Web browser. Depending on the unit and network configuration, each VideoJet X40 SN can have up to 25 Web browser connections or up to 50 connections via VIDOS or Bosch Video Management System. If a controllable unit is configured and connected to the VideoJet X40 SN, the controls for the peripheral are displayed next to the video image. All users who are connected by browsers receive the audio signals sent by the VideoJet X40 SN. Audio signals can only be sent to the VideoJet X40 SN by the user who connects to the unit first. The storage location depends on the configuration of the VideoJet X40 SN see Section Path for JPEG and MPEG files, page 44. A red dot in the icon indicates that recording is in progress. A moving graphic will appear to indicate a running recording. If no recording is taking place, a static icon is displayed. The RECORDINGS link is only visible if a storage medium has been selected see Section 5.21 Advanced Mode Storage Management, page 53. Red bars indicate the points in time where alarms were triggered. Drag the green arrow to navigate to these points quickly. You can change the time interval by clicking the zoom keys magnifying glass icons. The display can span a range from two months to a few seconds.

Installing the Player You can play back saved video sequences using the Player from Bosch Security Systems, which can be installed from the product CD supplied see Section 3.1 Scope of Delivery, page 11. Start the terminal program and enter the command 1 in the main menu to switch to the IP menu. DiBos 8 records up to 32 video and audio streams and is available as IP software or hybrid DVR with additional analog camera and audio inputs. All settings will revert to their defaults. Change the IP address of the VideoJet X40 SN if necessary. Configure the unit to meet your requirements. In case of doubt, contact your dealers technical service center. Transfer and Disposal The VideoJet X40 SN should only be passed on together with this installation and operating manual. Your Bosch product is designed and manufactured with highquality materials and components which can be recycled and reused. You can view a range of information about your unit version on the System Overview page see Section 5.45 Advanced Mode System Overview, page 91. Check all cables, plugs, the unit and terminal contacts, terminals and program.Select possible alarm sources on an alarm.No alarm response specified. Specify the desired alarm. LUNs are displayed. You can obtain additional information to help you when troubleshooting or fine tuning the unit. The following default address is preset at the factory 192.168.0.1 Start a terminal program such as HyperTerminal. Copyright 1988, 1994 Digital Equipment Corporation. Permission to use, copy, modify, distribute and sell this software and its documentation for. Used in computers in the form of CF cards, digital cameras and Personal Digital Assistants PDA. International, national and any regional electrical engineering regulations must be followed at all times. Relevant knowledge of network technology is required.It is primarily designed for encoding video, audio and control data for transfer over an IP network.

With its encoding in the MPEG4 format, the VideoJet X40 is ideally suited for making existing analog

CCTV cameras IPcompatible and for remote access to digital VCRs and multiplexers. This interface can also be used to transmit transparent data. 3.3.8 Tamper Detection and Motion Detectors The VideoJet X40 offers a wide range of configuration options for alarm signaling in the event of tampering with the connected cameras. CAUTION! The unit is intended for use indoors or in housings. The relative humidity must not exceed 95%. Use only approved modules. Direct iSCSI Connection You can connect the VideoJet X40 directly to an iSCSI system via one of the network interfaces. The connection supports the RS232, RS422 and RS485 transmission standards. The VideoJet X40 offers the serial interface via the orange terminal block see Section 8.7 Terminal Block, page 116. The range of controllable equipment is expanding constantly. You can operate these relay outputs manually while there is an active connection to the VideoJet X40. The outputs can also be configured to automatically activate sirens or other alarm units in response to an alarm signal. The relay outputs are also located on the orange terminal block see Section 8.7 Terminal Block, page 116. If the ignition is switched off, the power supply to the unit is also stopped. To keep the internal clock running when the engine is off, you can connect the VideoJet X40 directly to the car battery via the BP and GND contacts. The correct time is crucial for evaluating local recordings. Power is supplied via a separate unit. Connect the VideoJet X40 to the power supply unit and plug this into the mains. The VideoJet X40 does not come supplied with a power supply unit. CAUTION! Use only power supply units with UL approval and a power output according to LPS or. After the program has started, the network is immediately searched for compatible video servers. 2.

You can start the configuration if a VideoJet X40 is shown in the list in the left section of the window. The following default address is preset at the factory 192.168.0.1 1. Start the Web browser. 2. Enter the VideoJet X40s IP address as the URL. The Web browser opens a new page with the configuration menu. 5.2.2 Navigation 1. Click one of the menu items in the left window margin. The corresponding submenu is displayed. 2. 5.2.3 Click one of the entries in the submenu. The Web browser opens the corresponding page. Making Changes Each configuration screen shows the current settings. The name makes the task of administering multiple units in larger video monitoring systems easier, for example using the VIDOS or Bosch Video Management System programs. The unit name is used for the remote identification of a unit, in the event of an alarm for example. Special characters are not supported by the systems internal recording management and may therefore result in the Player or Archive Player being unable to play back the recording. It can be displayed at a position of your choice that you can then specify using the Custom option. You can use different authorization levels User name to limit access. NOTICE! i Proper password protection is only guaranteed when all higher authorization levels are also protected with a password. If a live password is assigned, for example, a service and a user password must also be set. The unit polls the time signal automatically once every minute. 5.9.1 Unit time zone Select the time zone in which your system is located. 5.9.2 Daylight saving time The internal clock can switch automatically between normal and daylight saving time DST. The current video image is displayed in the small window next to the slide controls as confirmation. Your changes are effective immediately. 1. 5.10.1 Click a tab to select the corresponding camera. 2. Move the slide control to the required position. 3.

Click Default to reset all settings to their default value. You can adapt the MPEG4 data transmission to the operating environment for example network structure, bandwidth, data load. To this end, the VideoJet X40 simultaneously generates two data streams Dual Streaming for each video input. The preview of the data stream currently selected is marked by a red frame. Above the previews, various additional items of information regarding data transmission are displayed and continually updated. i 5.11.2 1. First, click a tab at the top to select the associated camera. You can switch between profiles by clicking the appropriate tabs. CAUTION! ! The profiles are rather complex. They include a large number of parameters that interact with one another, so it is generally best to use the default profiles. Change the profiles only once you are fully familiar with all the configuration options. The target data rate should be set according to the desired picture quality for typical scenes

with no excessive motion. An entry of 1 indicates that Iframes are continuously generated. The terminating resistance must be deactivated for the video signal to be looped through. The current video image is shown in the small window next to the slide controls to help you check the selected audio source and improve assignments. Your changes are effective immediately. If you connect via Web browser you must activate the audio transmission on the Livepage Configuration page see Section 5.32 Livepage Configuration, page 85. The internal RAM memory of the VideoJet X40 is suitable for shortterm recordings and prealarm recordings in ring mode operation. Amongst other things, it must have an IP address and be divided into logical drives LUN. The current user is displayed for each drive. 1. Doubleclick a free drive LUN. The associated information is called up and automatically displayed in the fields below the map. 2.

If the logical drive is password protected, you must first enter the password in the Target password field and click the Set button. If a drive is already being used by another user, you can decouple the user and connect the drive with the VideoJet X40. ! CAUTION! Before decoupling, make absolutely sure that the previous user no longer needs the drive. 1. Doubleclick a drive that is already being used in the LUN map. Parameters such as size and type of video recording can be specified for each partition. Modifying these parameters leads to reorganization, during which stored data is lost. The unit requires a dedicated partition for the recordings of each connected camera.You can create multiple partitions of the same type in one process. To do this, check the box Apply same settings for all new partitions in the first window. All settings are now transferred to the unit 53 and subsequently become effective. 5.18.3 Partition status The Partition status window provides you with an overview of the current partition configuration. No changes can be made here. 1. In the list, click the partition that you want to modify in order to select this partition. 2. Click the Partition status button. CAUTION! ! All modifications result in the reorganization of the partition and all sequences stored on it are therefore lost. Consequently, you should back up all important sequences on the computers hard drive before modifying the partition. In the case of Ring mode the recording proceeds continuously. If the maximum hard drive space has been reached, the oldest recordings are automatically overwritten. In the case of Linear mode the recording proceeds until the entire hard drive space is full. Deleting All Partitions You can delete all partitions at any time. Individual partitions cannot be deleted. You will then use these recording profiles in the recording scheduler, where they are linked with the individual days and times see Section 5.20 Recording Scheduler, page 59.

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