



## DiBos IP Recorder Software (EMEA/APR)



- ▶ **Recording Software for Bosch MPEG-4 and JPEG video sources**
- ▶ **Connect up to 32 IP video sources**
- ▶ **View/record video at CIF/2CIF/4CIF/Megapixel resolution**
- ▶ **Connect to other DiBos recorders**
- ▶ **Web-browser remote access and viewing**
- ▶ **Camera tamper detection**
- ▶ **Interfacing to Bosch alarm panels**
- ▶ **Unlimited Remote Receiver Clients**

DiBos IP Recorder Software uses Bosch's proven state of the art digital recording and communications technology and takes video surveillance to a new level. It is an integral part of overall security solutions for a wide range of applications – including banks, large retailers, railway stations, airports, city centers, industrial facilities, and office buildings.

With DiBos customers can retrieve vital images and share information faster than ever before. They can better assess critical situations and take action immediately. Whether they are on site or at a remote network location, authorized personnel have quick, convenient access to information so they can operate more effectively and efficiently.

DiBos supports live viewing and recording at resolutions up to 2048 x 1536 pixels (3 Megapixel) and frame rates up to 30/25 ips. Users can connect up to 32 IP video sources. This includes support for Bosch MPEG-4 IP cameras (Dinion IP, FlexiDome IP and AutoDome IP), Bosch MPEG-4 video encoders (VideoJet and VIP X Series), Bosch Megapixel cameras, as well as JPEG images from numerous IP camera manufacturers.

The system offers advanced features for viewing and a very high flexibility in recording and image access. The real power of DiBos is fast, convenient accessibility to images and information. If required, accessibility to images and information is possible round the clock and everywhere all over the world. Communication and access to DiBos is possible via private or public networks. For these purposes the system can be connected to a variety of peripheral devices and systems.

The unique, scalable GUI allows live and recorded images from multiple remote systems to be viewed from a single PC or another DiBos. With this powerful tool, security managers can monitor and supervise various locations simultaneously.

Cameras and viewing modes can be programmed or selected manually. Each camera offers in-window pan/tilt/zoom functionality from local or remote facilities. Images are displayed with date/time, location, camera name and status of connected devices such as detectors and sensors. DiBos can be programmed to respond to specific situations and events automatically. Minimal human intervention is necessary.

In response to alarms, the system can be programmed to transmit images or messages to security personnel or the security control center.

Playback is easy thanks to familiar search and navigation functions in a tree structure. Images can be accessed locally or remotely via a company network or the Internet. The customer can select multiple different views from up to 30 cameras. Fast, powerful image search functions eliminate time consuming manual searches. Functions include search for image changes (Smart Motion Search), search for criteria such as camera number and recording date/time.

To ensure high security, all access is controlled by user authorization. Profiles are assigned by the system administrator. Events, such as login, logoff, status changes, image transmission, and system shutdown are stored in a database. Video authentication is built in to ensure that DiBos images are not altered in any way.

Various storage devices – such as external disk arrays, RAID and NAS devices, and external disk drives – may be used for export and backup of images.

The configuration wizard makes installation quick and easy. DiBos can connect to Bosch alarm panels and Allegiant matrices via the RS232 serial port.

## Technical Specifications

Maximum recording rate (analog and IP)	50 Mbit per second
Recording resolution (IP inputs - Bosch IP devices)	PAL: 704 x 576 (4CIF/D1), 704 x 288 (2CIF), 464 x 576 (2/3 D1), 352 x 576 (1/2 D1), 352 x 288 (CIF), 176 x 144 (QCIF) NTSC: 704 x 480 (4CIF/D1), 704 x 240 (2CIF), 464 x 480 (2/3 D1), 352 x 480 (1/2 D1), 352 x 240 (CIF), 176 x 120 (QCIF)
Recording rates per channel (video inputs IP)	PAL: 0,5; 1; 2; 3; 4; 5; 6; 8; 12,5; 25 ips NTSC: 0,5; 1; 2; 3; 5; 6; 7,5; 10; 15; 30 ips
Supported single channel encoders Bosch VideoJet Series and Bosch VIP Series	VideoJet 10S, VideoJet 1000 VideoJet X10 VIP X1, VIP 10
Supported multi channel encoders Bosch VideoJet Series and Bosch VIP Series	VideoJet 8004, VideoJet 8004A VideoJet 8008, VideoJet 8008A VideoJet X20, VideoJet X40 VIP X2, VIP X2A, VIP X1600
Supported Bosch IP cameras	Dinion IP, AutoDome IP, FlexiDome IP, Megapixel IP
JPEG protocol	JPEG image request via HTTP
Supported JPEG cameras from other manufacturers	IP cameras from Axis, Sony and Mobotix. For further information please contact Bosch Security Systems

## Minimum requirements for computer with DiBos Receiver Software/IP Recorder Software (in brackets recommended requirements)

Operating system	Windows XP Professional, 32-bit versions; Windows Vista, 32-bit versions
CPU	Pentium 4, 3 GHz with Hyper Threading, (Core 2 Duo CPU)
RAM	1024 MB (2048 MB)
VGA card	32-Bit color depth (DirectX 9 Hardware Support, no shared memory)
Recording partition	Dedicated partition for recording
Network adapter	1000 Base-T, Gbit

Windows XP and Windows Vista are registered trademarks of Microsoft Corporation

## Ordering Information

<b>DB SR 042 IP Recorder Software</b> DiBos IP recorder software, recording of up to 4 IP devices.	<b>DBSR042</b>
<b>DB SR 082 IP Recorder Software</b> DiBos IP recorder software, recording of up to 8 IP devices.	<b>DBSR082</b>
<b>DB SR 162 IP Recorder Software</b> DiBos IP recorder software, recording of up to 16 IP devices.	<b>DBSR162</b>
<b>DB SR 322 IP Recorder Software</b> DiBos IP recorder software, recording of up to 32 IP devices (not expandable).	<b>DBSR322</b>
<b>Software Options</b>	
<b>DB SR 002-B DiBos 8 Receiver SW Burning License</b>	<b>DBSR002-B</b>
<b>DB SR 042 EXP IP Recorder</b> DiBos IP expansion, 4 IP devices (maximum 32 IP devices)	<b>DBSR042EXP</b>
<b>DB SE 016 DiBos ATM POS Bridge License</b> Software interface via TCP/IP to Bosch ATM/POS bridge.	<b>DBSE016</b>
<b>DB SE 017 DiBos IP Software License</b> Software interface via TCP/IP socket connection to IP server providing POS, ATM or other data.	<b>DBSE017</b>
<b>DB SE 031 Software Interface to Bosch Alarm Panels</b> Connection via RS 232 to Bosch G Series, UGM 2020, UEZ 2000/1000, BZ 500, NZ/BZ 1060, NZ/BZ 1012, NZ 1008.	<b>DBSE031</b>



**Americas:**  
Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6258 5511  
Fax: +65 6571 2698  
apr.securitysystems@bosch.com  
www.boschsecurity.com

**Represented by**