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## **Chapter 1. Introduction**

Thank you for purchasing the IP surveillance application program. The Cam Viewer is a multi-camera video surveillance application that enables you to set up a comprehensive and effective surveillance system quickly and easily.

#### 1.1 Before Installation

Before installation, please be sure to read this quick installation guide and user's manual (CD) carefully to complete machine installation.

This QIG includes the following chapter:

- Chapter2. Cam Viewer Installation
- Chapter3. Import Surveillance Product

#### **1.2 System Requirements**

The system consumes huge of computation power to decode and record multiple video streams from IP cameras. Therefore, bear in mind that much faster CPU speed and higher system memory will be very useful to handle and process multi-channel video streams. Here is a minimum recommendation of system requirement as below:

Total FPS at VGA (30FPS for Each Camera)	~600	600~480	480~240	240~120	120~
	Intel	Intel	Intel	Intel	Intel
CPU	Core 2 Duo	Core 2 Duo	Pentium D	P4	P4
	QX6800	E6600	930	3.0 GHz	2.8 GHz
RAM	4 GB	2 GB	2 GB	1 GB	1 GB
Chipset of Motherboard	Intel 946/965 chip or above, Intel Chipset recommended				
VGA Card	ATI Radeon 9200, nVIDIA GeForce FX-5200,				
Vorvoard	Intel 945/965 or above (ATI recommended)				
Ethernet	100 Base-TX or above, Gigabit LAN recommended				
Hard Disk	160 GB or above				
0.S.	Windows 2000 / XP / 2003 / Vista				

- **NOTE:** 1. Also it does strongly recommend that close the unnecessarily programs while running Cam Viewer to monitor and record video stream from IP cameras.
  - 2. Total FPS Means all the cameras will spend how many frames when this software works. Suppose there are 10 cameras, each one will work with 30fps, the total fps should be 300fps.

## **Chapter 2. Cam Viewer Installation**

- 1. Insert the bundled Cam Viewer CD disk into the CD-ROM drive to launch the autorun program. Once completed, a welcome menu screen will appear. Click the "Cam Viewer Lite" hyperlink, the below InstallShield Wizard dialog box will appear.
- **NOTE:** If the welcome screen does not appear, click "Start" at the taskbar. Then, select "Run" and type "D:\Cam Viewer Lite\setup.exe", assume "D" is your CD-ROM drive.
- Selects the language which you want, Cam Viewer is current including fifteen languages Chinese (Simplified), Chinese (Traditional), Czech, Danish, English, Finnish, French (Standard), German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese (Brazilian), Portuguese (Standard), Russian, Slovak, Spanish, Thai and Turkish. Please select the language and click"Next" to continue.

Planet CamViewer Lite 1.0.9 - InstallShield Wizard	
Choose Setup Language Select the language for the installation from the choices below.	AN A
Chinese (Simplified) Chinese (Traditional) Danish French (Standard) German Greek Italian Japanese Korean Portuguese (Brazilian) Portuguese (Brazilian) Portuguese (Standard) Russian Slovak Shanish	> Cancel

3. The "Welcome to the InstallShield Wizard for Planet Cam Viewer Lite 1.0.9" will display on the screen, please click "Next".

Planet CamViewer Lite 1.0	.9 - InstallShield Wizard 🛛 🔀		
	Welcome to the InstallShield Wizard for Planet CamViewer Lite 1.0.9		
	The InstallShield® Wizard will install Planet CamViewer Lite 1.0.9 on your computer. To continue, click Next.		
	< Back Next > Cancel		

4. Please read the license agreement and then check "I accept the terms of the license agreement" if you are agreed and click "Next" to continue.

Planet CamViewer Lite 1.0.9 - InstallShield Wizard	X
License Agreement Please read the following license agreement carefully.	1
End User License Agreement ("EULA") Do not install or use the software until you have read and accepted all of the license terms. Permission to use the software is conditional upon your agreeing to the license terms. Installation or use of the software by you will be deemed to be acceptance of the license terms. Acceptance will bind you to the license terms in a legally enforceable contract with PLANET TECHNOLOGY CORP. * SOFTWARE LICENSE AND LIMITED WARRANTY This is an agreement between you, the end user, and PLANET TECHNOLOGY CORP. ("Planet"). By using this software, you agree to become bound by the terms of this o I go not accept the terms of the license agreement D I go not accept the terms of the license agreement	
InstallShield <u>Back Next</u> Cancel	

5. Please key-in user name and company name for which you want and click "Next" to continue.

Planet CamViewer Lite 1.0.9 - InstallShield Wizard	×
Customer Information Please enter your information.	
Please enter your name and the name of the company for which you work.	
User Name:	
ENM	
<u>C</u> ompany Name:	
PLANET	
InstallShield	
< <u>B</u> ack <u>N</u> ext >	Cancel

6. Check the option "Complete – all program features will be installed (Requires the most disk space)" and click "Next".

Planet CamVie	wer Lite 1.0.9 - InstallShield Wizard 🛛 🛛 🔀
Setup Type Select the set	up type to install.
Please select	a setup type.
	All program features will be installed. (Requires the most disk space.)
Custom	Select which program features you want installed. Recommended for advanced users.
InstallShield ———	< <u>B</u> ack <u>N</u> ext > Cancel

7. "Ready to Install the Program" will appear to prompt you to start the installation. Please click "Install" to start.

Planet CamViewer Lite 1.0.9 - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
InstallShield Cancel	]

- 8. You may click "No" to finish the Cam Viewer installation or click "Yes" to install the additional utility MBM5.
- **NOTE:** When Cam Viewer works with MBM5 (Motherboard Monitor 5), Cam Viewer will display CPU temperature and fan speed. Please click "No" if you don't need this function and the Cam Viewer installation will be finished. When you click "Yes", please refer to below steps to start the MBM5 installation.

Questio	n 🔣
?	MBM5 can help to monitor health status of your system. Would you like to install now?

9. The "Welcome to the Motherboard Monitor 5 Setup Wizard" will display on the screen and click "Next".



10. Please read the license agreement and then check "I accept the agreement" if you are agreed and click "Next" to continue.

🕼 Setup - Motherboard Monitor 5
License Agreement Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
This is a legal agreement ("Agreement") between you (either an individual or an entity), the end user ("Recipient"), and Alexander van Kaam.
BY INSTALLING, COPYING OR OTHERWISE USING THE PRODUCT (AS DEFINED BELOW), YOU AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT INSTALL, COPY OR USE THE PRODUCT.
<ul> <li>O I do not accept the agreement</li> </ul>
< <u>B</u> ack Next > Cancel

11. Please read the following important information before continuing and click "Next" to continue.

🕞 Setup - Motherboard Monitor 5		
Information Please read the following important infor	mation before continuing.	Ð
When you are ready to continue with Se	tup, click Next.	
MBM 5.3.7.0		
MBM 5 Core EXE MBM 5 Core DLL MBM 5 Settings DLL	: 5.3.7.0 : 5.3.7.0 : 5.3.7.0	
MBM 5 Dashboard DLL MBM 5 Hibernation DLL	: 5.3.5.0	
MBM 5 Logger DLL MBM 5 Mail, FTP and UDP DLL	: 5.3.4.0	
	. 5.0.0.3	
	< <u>B</u> ack <u>N</u> ext >	Cancel

12. Please click "Next" to continue installation.

🕼 Setup - Motherboard Monitor 5	
Languages MBM 5 and non-english languages	
MBM 5 supports many languages, to keep the initial download smaller only the English language file is included. If you wish to run MBM 5 in your native languages then please go to http://mbm.livewiredev.com/ and check out the MBM 5 download section. If your native language is not yet supported then you can always contact mbm@livewiredev.com for information on how to add your language to MBM 5	
< <u>B</u> ack <u>N</u> ext > Cano	el

13. Please click "Next" to install with original settings, or you may click "Browse..." button to assign an install folder then press "Next".

🖟 Setup - Motherboard Monitor 5
Select Destination Location Where should Motherboard Monitor 5 be installed?
Setup will install Motherboard Monitor 5 into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\Motherboard Monitor 5 Browse
At least 3.8 MB of free disk space is required.
< <u>B</u> ack <u>N</u> ext > Cancel

14. Please click "Next" to install with original settings, or you may click "Browse..." button to rename the program's shortcut of Start Menu then press "Next".

🕼 Setup - Motherboard Monitor 5
Select Start Menu Folder Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
< <u>B</u> ack <u>N</u> ext > Cancel

15. Please select "Replace the icons 10 seconds after MBM5 started" and click "Next" to continue installation.

🖟 Setup - Motherboard Monitor 5		
Windows XP Keeping the icons visible in the tray		
Windows XP has a "feature" that will hide certain icons. This "feature" can result in the MBM 5 icons not showing up in your tray when you set MBM to start with Windows XP.		
There is a possible solutions for this by making MBM 5 replace the icons in the system tray 10 seconds after they first appear. This might trick Windows XP into believing they are active icons. You can select to do this here or you can do this later via the tray tab in MBM 5		
Please select your option:		
<ul> <li>Replace the icons 10 seconds after MBM 5 started</li> </ul>		
O Let me handle it myself via the MBM 5 settings / Tray_OSD tab		
< <u>B</u> ack Next > Cancel		

16. Please click "Next" to continue installation.

🕫 Setup - Motherboard Monitor 5		
Windows NT/2000/XP Install the MBM ID Driver 32Bit		
You are Running Windows NT/2000/XP and the required MBM IO system driver has not been detected. The install program will now install this driver. The recommended settings for this		
driver are listed below. If for some reason the recommended settings do not work properly on your system, you can always change it later in the Non Plug and Play section of the control panel (Win2000/XP) or you can select to re-install the driver with this same installer.		
Recommended:		
Windows NT/2000 : Automatic Windows XP: System and in some cases (if you get a privliged instruction error) Boot		
System 💙		
< <u>B</u> ack <u>N</u> ext > Cancel		

17. According to your motherboard to select correct option and click "Next" to continue.

🕞 Setup - Motherboard Monitor 5	
Extra scanning Enable 2E and 4E port scanning	
The installer has detected that this is the 1s On your Motherboard are 2 special address not scan these unless you enabled this on t (older) boards would lockup when scanning As there are more and more newer boards o becoming more popular to place a sensor of here) Do you want to do this ? O Yes, enable it for me O Yes, enable it for me No, I will enable it myself if I need it No, my board is in the blacklist	es numbered \$2E and \$4E, MBM 5 does he advanced tab, this is because some In the market these 2 addresses are
	< <u>B</u> ack <u>N</u> ext > Cancel

18. When "Ready to Install the Program" will display on the screen and click "Install" to continue.

🕫 Setup - Motherboard Monitor 5	
Ready to Install Setup is now ready to begin installing Motherboard Monitor 5 on your computer.	
Click Install to continue with the installation, or click Back if you want to review o change any settings.	r
Destination location: C:\Program Files\Motherboard Monitor 5	
Start Menu folder: MBM 5	
Extra Settings:	
Icons: Replace the Icons 10 seconds after MBM 5 started Re-install MBM 10: Yes Install MBM 10: System	
S	>
< <u>B</u> ack Install	Cancel

19. The "Welcome to the Motherboard Monitor Configuration Wizard" will display on the screen, please click "Next" to continue.

MBM Configuration Wizard		
	Welcome to the Motherboard Monitor Configuration Wizard         Motherboard Monitor (MBM) is a highly configurable program that gathers information from key hardware components (such as your CPU, Motherboard and Fans) and conveniently displays this information in your system tray.         This wizard will help you configure MBM based on settings sent in from others like you.         Press Next to continue, or Cancel to exit.	
	[Next] Cancel	

20. The "Motherboard Monitor Configuration Wizard" will display on the screen, please click "Update" to update data. Before update, please make sure your PC is connected to Internet already.

MBM Configuration Wizar	d		
AN	Motherboard Monitor Configuration Wizard		
	The MBM 5 settings file is dated: 18-jun-2004 08:41:37 The voltage.ini file is dated: 18-Jun-2004 08:41:37		
	You can update this information if it's to old by pressing the update button below, if you do this then make sure you have an active internet connection. If needed set your proxy settings.		
	🔲 Use Proxy:	Authentication:	
	Host:	Username:	
	Port: 1080	Password:	
		<b>*</b>	
	Updat	e Next Cancel	

21. Wait a moment, after the program update finish, please click "Next" to continue.

MBM Configuration Wizard		
	Motherboard Monitor Configuration Wizard The MBM 5 settings file is dated: 09-sep-2004 09:33:19 The voltage.ini file is dated: 09-Sep-2004 09:33:00 You can update this information if it's to old by pressing the update button below, if you do this then make sure you have an active internet connection. If needed set your proxy settings.	
	🔲 Use Proxy:	Authentication:
	Host:	Username:
	Port: 1080	Password:
	Ge	atting MBM 5 ∀oltages
Finished		
http://users.pandora.be/ovan/		
	Update	Next Cancel

22. Please select your motherboard vendor and model name, then click "Next" to continue



23. Please select temperature format and click "Next" to continue.



24. Please click "Finish" to end the motherboard monitor configuration wizard.



25. Please click "Yes" to restart your computer.



## **Chapter 3. Import Surveillance Product**

To start the Cam Viewer that click on Start > All Program > Planet CamViewer Lite > Main Console

Planet CamViewer Lite	🖻 Backup System
All Programs 🜔 🖮 Planet CamViewer Pro trial 🔹 🕨	🗃 Main Console
Log Off 🚺 Turn Off Comput	🔊 Playback System
	📳 Remote Live Viewer
🚑 start	🥑 Uninstall CamViewer Lite

Enter the password you like into the edit box and enter again at the edit of password confirm. And the press "OK".

First Execution of Ma	ain Console System	X
		ł
Please enter pass	sword for administrator	
User Account:	admin	_
Password:	1	
Password Confirm:		
	V OK X Cance	

The Main Console will display on the screen.



In Main Console, go to "Config" and click "Setting" to open the Setting dialog box

9	<b>@</b>	Setting
		Counting Application Log Viewer Backup
		Live Streaming Server Remote Playback Server
		About MainConsole
Start Playback Schedule Guard	C.	onfig

The Setting window will display on the screen, please go to "Camera" page and click "Insert" for insert IP camera.

👍 Setting			X
General Camera I/O Device PTZ Config User Account Monitor Display			
<ul> <li>Insert</li> <li>▲ Delete</li> <li>▲ Config</li> <li>▲ CAM01 ICA-230</li> </ul>	2098/07/03 CAM1	AM11102:35	
Camera Parameter	Video Parameter		OSD Setting
ICA-230	50	Brightness	🔽 Enable
	50 <u> </u>	Contrast	Show Date 2008/07/03 -
	50	Saturation	Show Time AM11:03:00
	50 — J — –	Hue	🔽 Show Camera Number
			🗖 Show Camera Name
Camera Settings		Default	Translucent Apply All
			V OK X Cancel

The "IP Camera / Video Server Setting" dialog box will display. Please enter the Name, IP Address, User Name and Password, and then click "Auto Detect" and "OK" to finish inserted camera procedure.

IP Camera / Video	Server Setting	X
Network		
Name:	PLANET ICA-230	
IP Address:	192 . 168 . 0 . 20	🗆 Use DNS
Http Port:	80	
User Name:	admin	
Password:		
Protocol:	C TCP C UDP C HTTP	
Device		
Vendor:	PLANET 🔽 📝	Auto Detect
Camera Model:	ICA-230 💌	
Camera:	☑ 1 🔲 2 🔲 3 🖂 4	
Description Video Codec:MF Audio Codec:G. Camera:1, DI:0,	726	
-	OK X Cancel	

#### **Further Configuration**

If you want to configure more detail settings of Cam Viewer, please refer to the user manual in the CD disk.

# Appendix A: Feature Listing for Cam Viewer

Product	Cam Viewer Lite	Cam Viewer Pro Single-Brand	Cam Viewer Pro Multi-Brand
Main Console		L	
IP Cameras Input(s)	32 Channels 4 / 8 / 16 / 32 / 64 Channels		4 / 8 / 16 / 25 / 32 / 64 Channels
Dual Monitor	N/A	Yes	Yes
Recording Schedule	Yes	Yes	Yes
Smart Guard	N/A	Yes	Yes
Config Settings			
General	Yes	Yes	Yes
Camera	Yes	Yes	Yes
I/O Device	Yes	Yes	Yes
PTZ Config	Yes	Yes	Yes
Hotline	N/A	Yes	Yes
User Account	Yes	Yes	Yes
Address Book	N/A	Yes	Yes
Monitor Display	N/A	Yes	Yes
Max. Resolution	640 x 480	640 x 480	1280 x 1024 (Mega-Pixel)
Video Format	M-JPEG, MPEG-4	M-JPEG, MPEG-4	M-JPEG, MPEG-4, H.264
Counting Application	N/A	2-way counting	2-way counting
Log Viewer	Unusual event; System log	Unusual event; System log; Counting application	Unusual event; System log; Counting application
Backup	CD-ROM; Hard Disk	CD-ROM; Hard Disk	CD-ROM; Hard Disk
Live Streaming Server	Unlimited	Unlimited	Unlimited
Remote Playback Server	N/A	Unlimited	Unlimited

Concurrent Playback	1 Channel 16 Channels		16 Channels	
	General Motion	General Motion;	General Motion;	
		Missing Object;	Missing Object;	
Smart Search		Signal Lost;		Signal Lost;
Sman Search		Foreign Object;	Foreign Object;	
		Lose Focus;	Lose Focus;	
		Camera Occlusion	Camera Occlusion	
	Visibility; Sharpen;	Visibility; Sharpen;	Visibility; Sharpen;	
Enhancement	Brightness;	Brightness;	Brightness;	
	Contract; Grey Scale	Contract; Grey Scale	Contract; Grey Scale	
Save Video	AVI	AVI	AVI	
Save Image	BMP; JPG	BMP; JPG	BMP; JPG	
Print	Supported	Supported	Supported	
Backup	CD-ROM; Hard Disk	CD-ROM; Hard Disk	CD-ROM; Hard Disk	
Log Viewer	Unusual event; System log	Unusual event;	Unusual event;	
		System log;	System log;	
		Counting application	Counting application	
Setting	Play; Capture Image	Play; Capture Image	Play; Capture Image	
Remote Playback	N/A	Supported	Supported	
Multiple Language	Supported	Supported	Supported	
Remote Live Viewer				
Channel(s)	1	16	16	
PTZ Control	Supported	Supported	Supported	
Web Viewer				
Channel(s)	1	4	4	

# Appendix B: Ordering Information for Cam Viewer Pro

CVP-4	4-Channel Single-brand Cam Viewer Professional
CVP-8	8-Channel Single -brand Cam Viewer Professional
CVP-16	16-Channel Single -brand Cam Viewer Professional
CVP-32	32-Channel Single -brand Cam Viewer Professional
CVP-64	64-Channel Single -brand Cam Viewer Professional
CVP-M4	4-Channel Multi-brand Cam Viewer Professional
CVP-M8	8-Channel Multi-brand Cam Viewer Professional
CVP-M16	16-Channel Multi-brand Cam Viewer Professional
CVP-M25	25-Channel Multi-brand Cam Viewer Professional
CVP-M32	32-Channel Multi-brand Cam Viewer Professional
CVP-M64	64-Channel Multi-brand Cam Viewer Professional