

Setting and Programming of CamMobile4 with VSI-Pro, VSSI-Pro VSI-Pro Max

1. VSI-Pro Connection

The VSI-Pro accepts serial data via the DB9 female connector located on the rear of VSI-Pro. This connector is similar to computer (PC) RS232 serial port and the pin out is identical. The VSI-Pro will send data out as printable text in the ASCII Format.

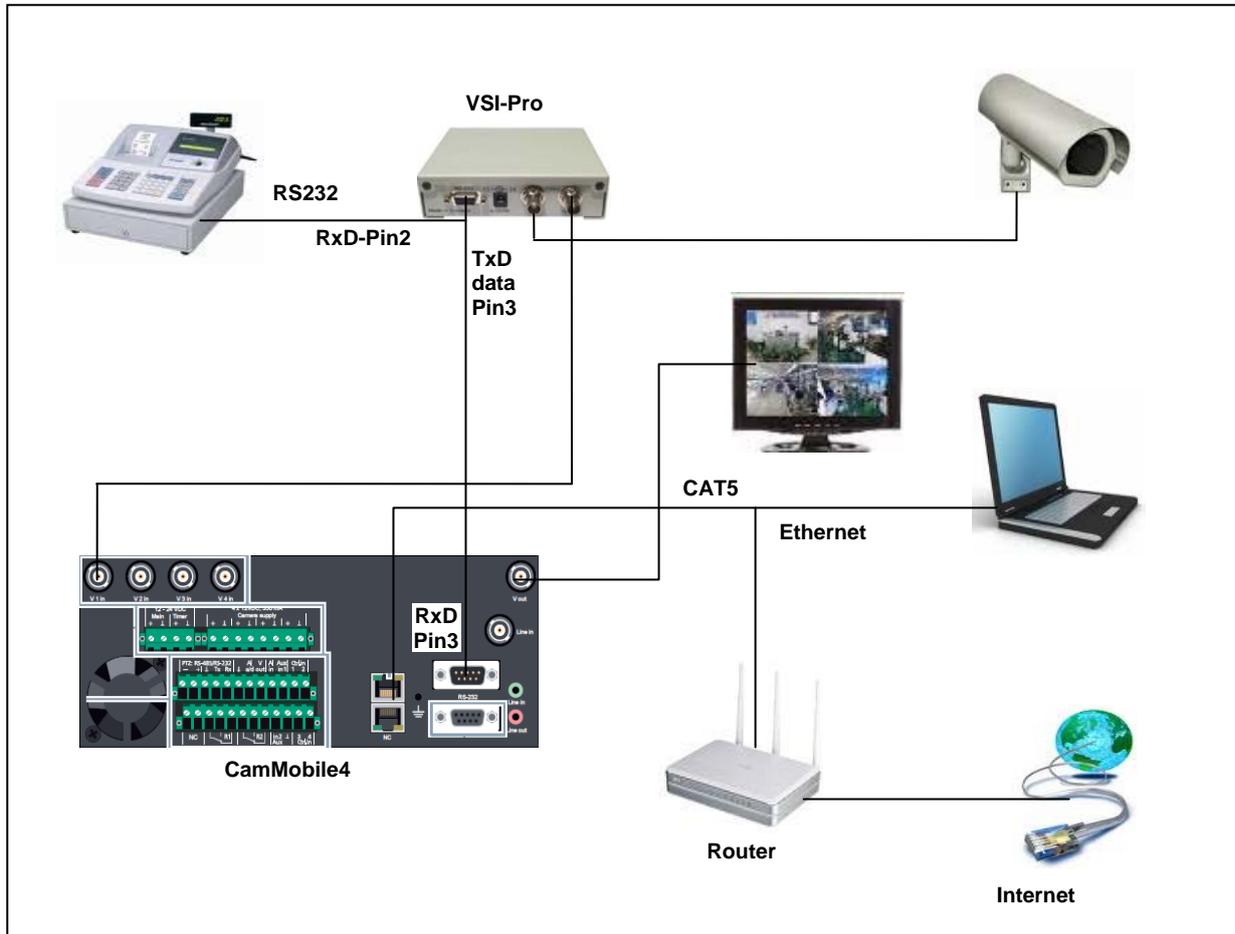


Figure 1: POS interface VSI-Pro and connection diagram

1.1 Programming the menu of VSI-Pro

Access to the main menu by pressing and holding the “Up” and “Down” buttons simultaneously and the press and release the “Reset” button. Then release the “Up and “Down” buttons after you see the On-screen Main Menu. Push the “Up” or “Down” button to move the cursor to “Communication” menu and push the “Set” button. The menu below will pop up and set it as below.

COMMUNICATION

- | | |
|------------------|-------------------------|
| - INTERFACE TYPE | RS-232 |
| - RX BAUDRATE | 9600 (Depending on POS) |
| - TX BAUDRATE | 9600 |
| - PARITY | NONE |
| - DATA BITS | 8 |
| - HAND SHAKE | OFF |
| - AUTO LINEFEED | ON |
| - EXIT | |

2. VSSI-Pro Connection

The VSSI-Pro accepts synchronous or asynchronous serial data via the DB9 female connector located on the rear of VSSI-Pro. This connector is similar to computer (PC) RS232 serial port but the pin out is different. The most typical VSSI-Pro connection is between the ATM is SDLC BISYNC or ASYNC Network. This is done using the AVE Triport ATM 2CH cable which includes a connector output to connect to the CamMobile4.

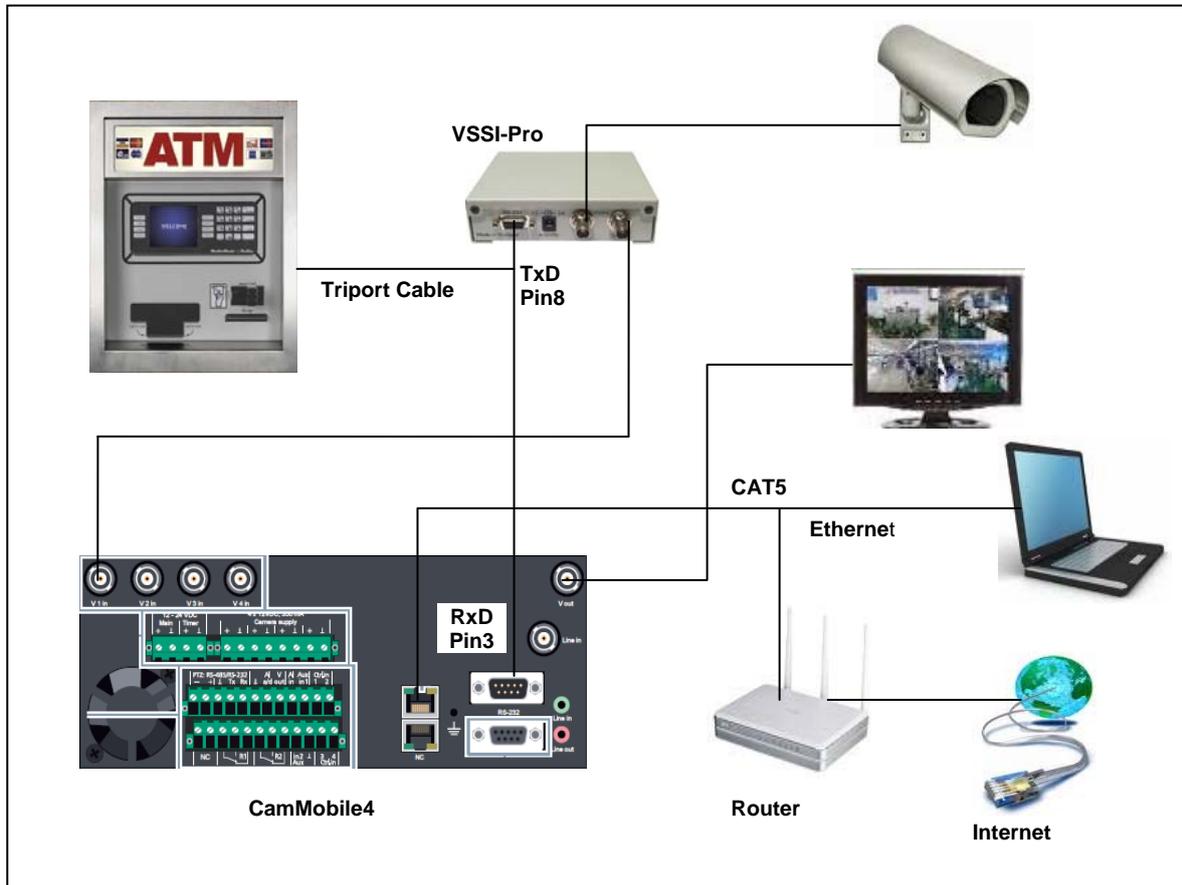


Figure 2: ATM Interface VSSI-Pro and Connection diagram

2.1 Programming the Menu of VSSI-Pro

Access the main menu and use the “UP” and “Down” buttons to move the cursor to the communication menu and push “SET”. The menu below will pop up and set it as below:

```
COMMUNICATION
PORT
RX BUADRATE      9600
TX BUADRATE      9600
PARITY            NONE
DATA BITS         8
AUTO LINEFEED    ON
EXIT
```

3. VSI-Pro Max Connection

The VSI-Pro Max accepts serial data via the DB9 female connector located on the rear of VSI-Pro Max. This connector is similar to computer (PC) RS232 serial port and the pin out is identical. The VSI-Pro Max is fully networkable with our “Vnetworker”, “Hydra” and “Regcom” line of products. Consult the VSI-Pro Max Manual for additional information.

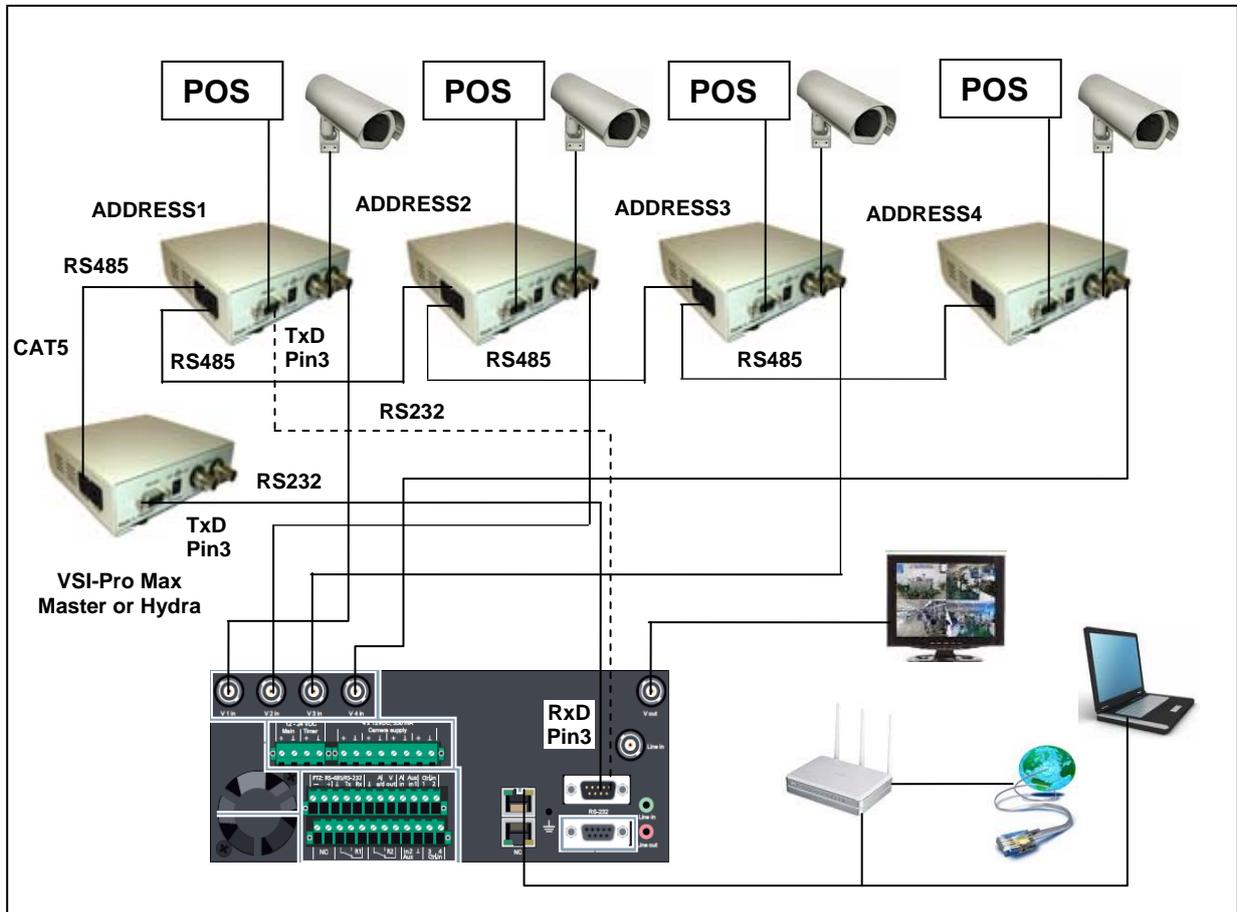


Figure 3: Connection Diagram of the CamMobile4 Interface with four VSI-Pro Max

NOTE:

The above diagram shows a fifth VSI-Pro Max or Hydra unit as the master. However, the VSI-Pro Max has the ability to be a POS/Cash Register Interface and a Master of the network system in one unit eliminating the fifth unit as a dedicated Master. However, when in this dual mode operation, the VSI-Pro Max can only interface to the POS in the “Tap” mode. If the requirement is that to operate in the “Emulate” mode then the fifth dedicated master is required.

3.1 Programming the Menu of VSI-Pro Max

Access the main menu and use the “Up” or “Down” button to move the cursor to the communication menu and push the “Set” button. The menu below will pop up and set it as below:

3.1.1 Programming VSI-Pro Max MASTER

COMMUNICATION	
REGISTER SETTINGS	
- INTERFACE	RS-232
- RX BAUDRATE	9600
- TX BAUDRATE	9600
- TX PROTOCOL	VSI-ADD
- PARITY	NONE
- DATA BIT	8
- HW HANDSHAKING	OFF
- SW HANDSHAKING	NONE
- AUTO LINEFEED	ON
- EXIT	
NETWORK SETTINGS	
- TYPE	MASTER
- ADDRESS	N/A
- PROTOCOL	REGCOM 9.6K
- BAUDRATE	9600
- EXIT	

3.1.2 Programming VSI-Pro Max SLAVE

COMMUNICATION	
REGISTER SETTINGS	
INTERFACE	RS-232
RX BAUDRATE	9600 (Depending on POS)
TX BAUDRATE	9600
TX PROTOCOL	ASCII
PARITY	NONE
DATA BIT	8
HW HANDSHAKING	OFF
SW HANDSHAKING	NONE
AUTO LINEFEED	ON
EXIT	
NETWORK SETTINGS	
TYPE	SLAVE
ADDRESS	1
PROTOCOL	REGCOM 9.6K
BAUDRATE	9600
EXIT	

4. One VSI-Pro with VSI-Pro MAX Connection.

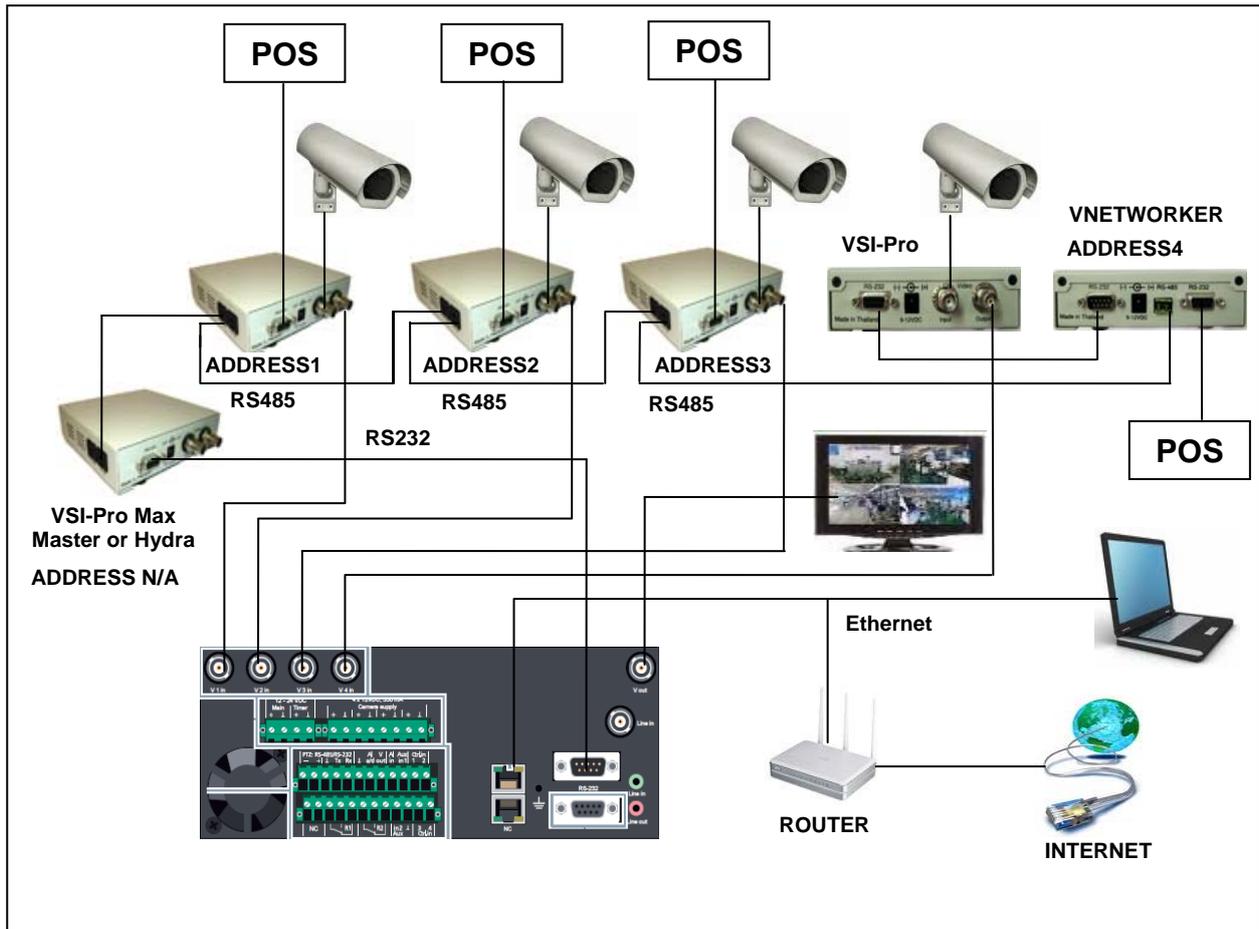


Figure 4: Connection Diagram between CamMobile4 and VSI-Pro and VSI-Pro Max

4.1 Programming the Menu of VSI-Pro Max

Access the main menu and use the “Up” or “Down” button to move the cursor to the communication menu and push the “Set” button. The menu below will pop up and set it as below.

4.1.1 Programming VSI-Pro Max MASTER

COMMUNICATION

REGISTER SETTINGS

- | | |
|------------------|---------|
| - INTERFACE | RS-232 |
| - RX BAUDRATE | 9600 |
| - TX BAUDRATE | 9600 |
| - TX PROTOCOL | VSI-ADD |
| - PARITY | NONE |
| - DATA BIT | 8 |
| - HW HANDSHAKING | OFF |
| - SW HANDSHAKING | NONE |
| - AUTO LINEFEED | ON |
| - EXIT | |

NETWORK SETTINGS

- TYPE	MASTER
- ADDRESS	N/A
- PROTOCOL	VNET
- BAUDRATE	9600
- EXIT	

4.1.2 Programming VSI-Pro Max SLAVE

COMMUNICATION

REGISTER SETTINGS

- INTERFACE	RS-23
- RX BAUDRATE	9600 (Depending on POS)
- TX BAUDRATE	9600
- TX PROTOCOL	ASCII
- PARITY	NONE
- DATA BIT	8
- HW HANDSHAKING	OFF
- SW HANDSHAKING	NONE
- AUTO LINEFEED	ON
- EXIT	

NETWORK SETTINGS

- TYPE	SLAVE
- ADDRESS	1
- PROTOCOL	VNET
- BAUD RATE	9600
- EXIT	

4.1.3 Programming the VSI-Pro

COMMUNICATION

- HANDSHAKE	ON
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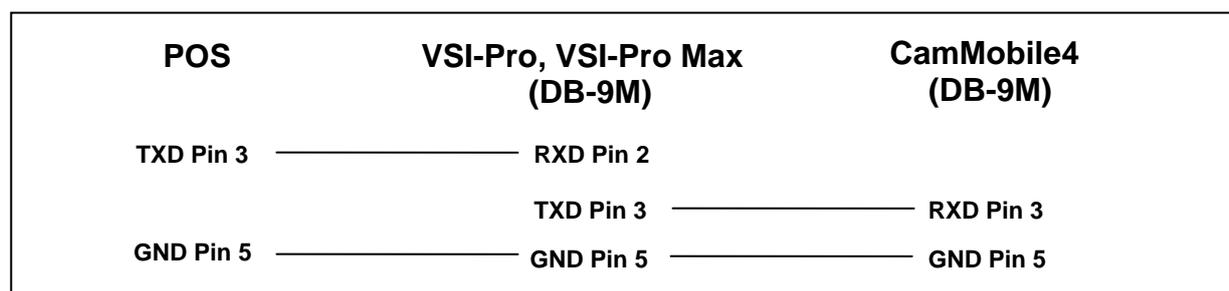


Figure 5: Pin Out of the VSI-Pro or VSI-Pro Max to CamMobile4

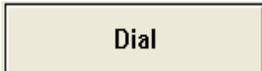
DVR CamMobile4 Setting

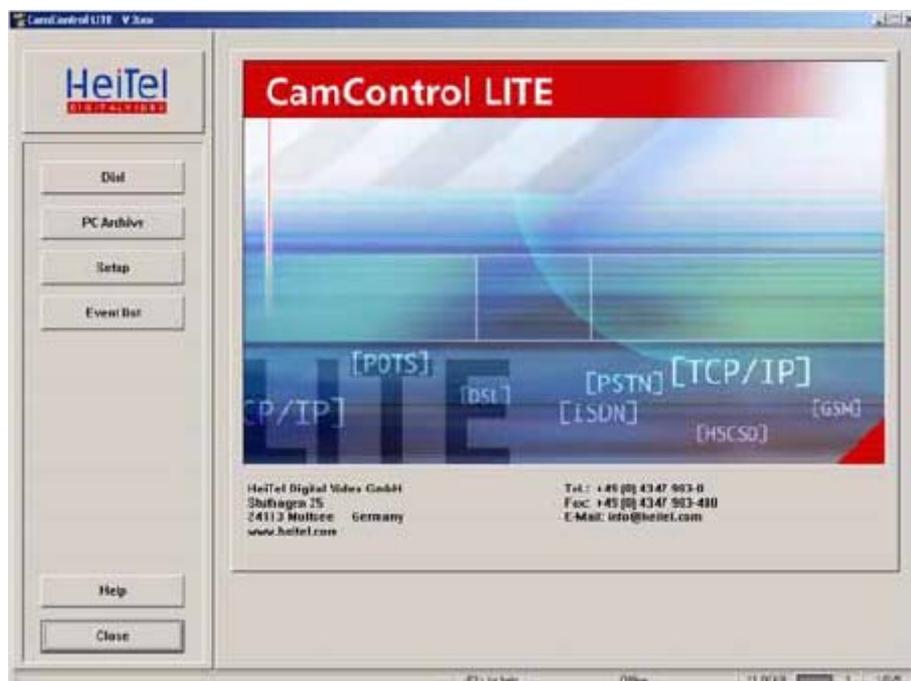
1. Connect the VSI-Pro Max MASTER to the DVR (CamMobile4) using a cable 021-168-SF Com Port RS232.
2. Clicking the program icon on the desktop or by selecting Start / Programs / Cam Control LITE / Com Control LITE
3. Logon User-identification

user name XXXX
password XXXX

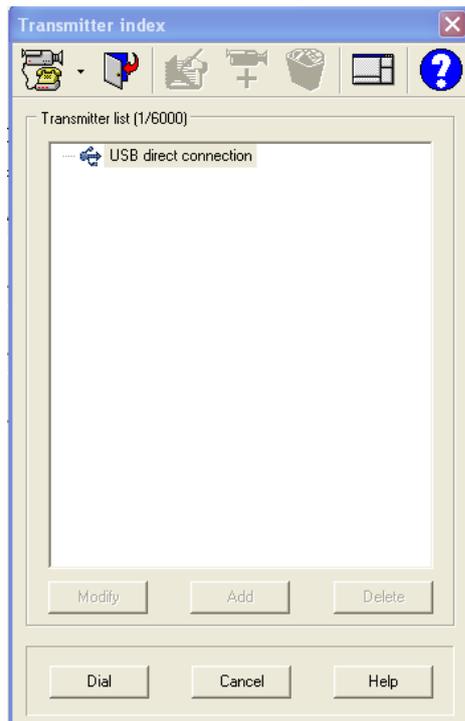


A dialog box titled "User-identification" with a blue header. It contains two input fields: "User name:" with the text "Admin" and "Password:" with "xxxxx". Below the fields are three buttons: "OK", "Cancel", and "Help".

4. Click, **Dial button**,  in the control panel



5. Click Dial button in the **Transmitter index**.



6. The central control panel, views and displays variations available.

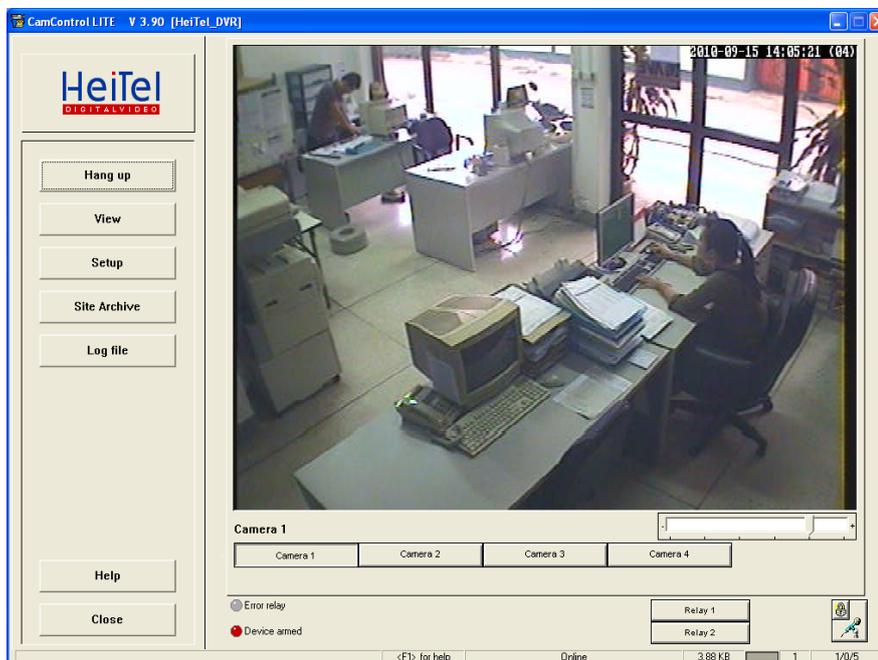


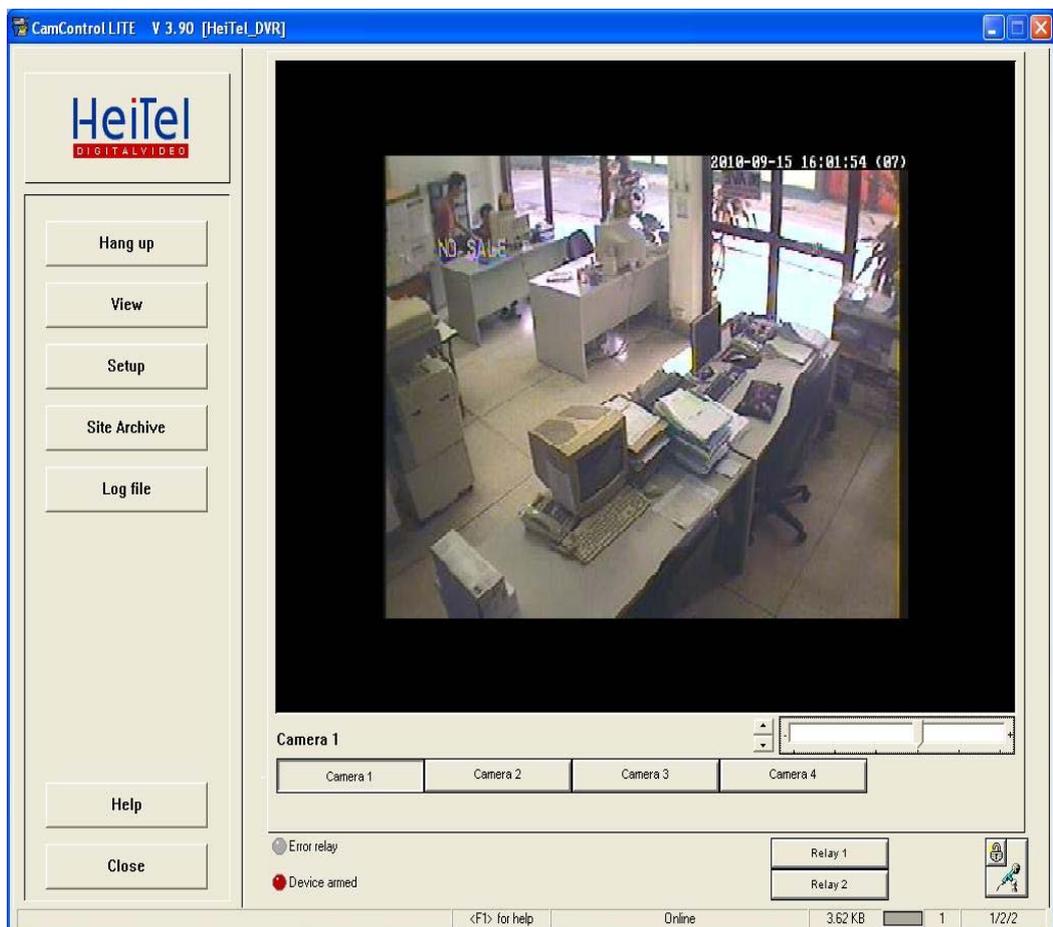
Image quality:

You can adjust the quality of transmitted images in line with your requirements using the slider. Select a lower image quality for a higher refresh rate.

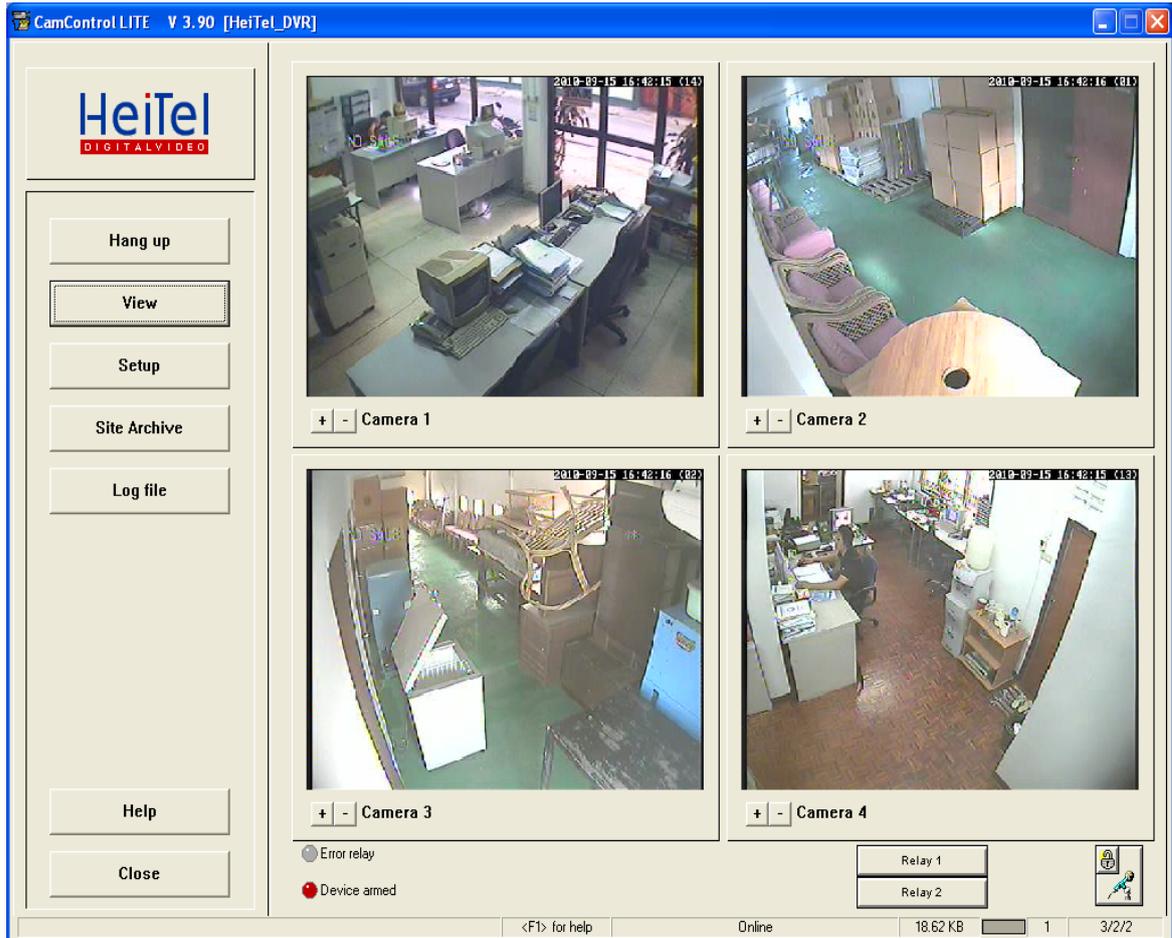


Adjusting the image display:

Image quality selected, the slider is supplemented on the left-hand side by an up/down control. This up/down Control for adjusting the image size is only provided for the normal view in connection with images displayed in an enlarged size. You can use this control to vary the display size of the live images.



6.1. Changing screen view.



Cam Control LITE: Allows you to choose between different viewing modes when accessing the live Images. When you click “**View**” a menu containing the different viewing modes.



The software provides you with the following viewing modes:



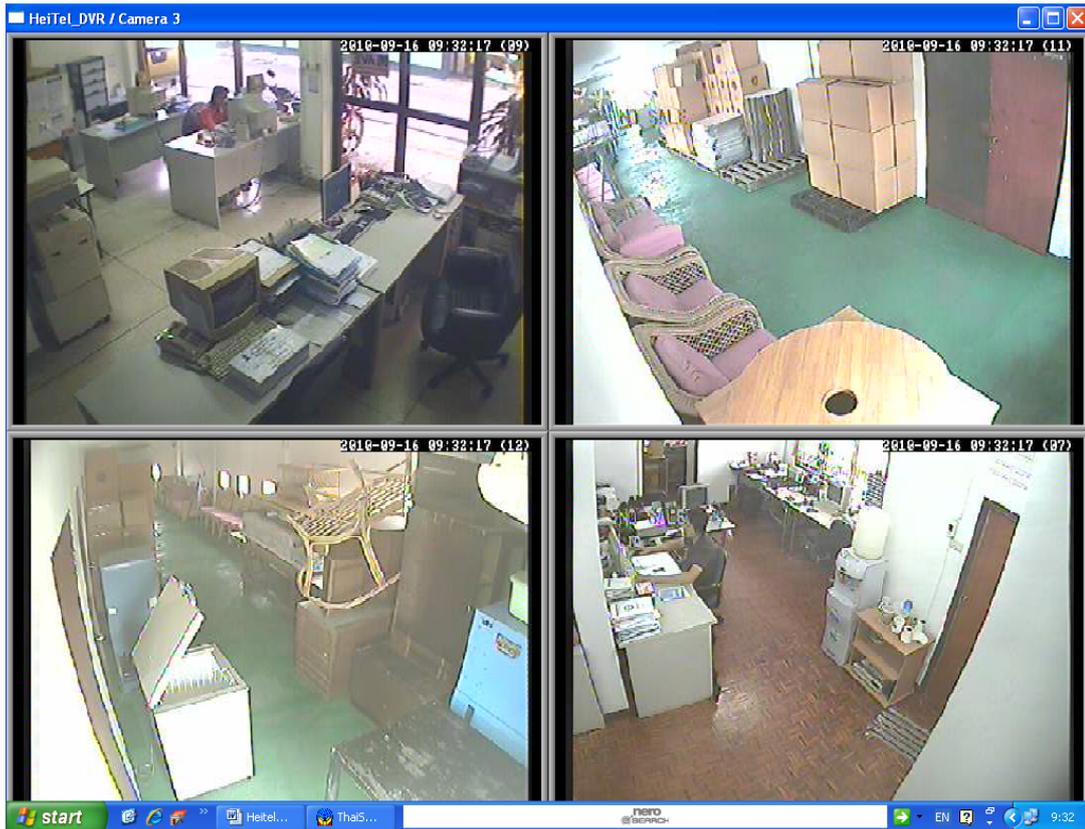
Quads screen:

This multi-image viewing mode shows you four live images in the main panel at the same time .By Clicking the “+” and “-“ buttons located underneath the images, you can select different cameras for this viewing mode as necessary.

Full screen: the view image from the camera in the **Main screen** viewing mode is enlarged in the main panel. The control panel to the left of the full image, the LED's and the **Relay** buttons are all hidden. The Camera buttons and the image quality side are still available .A button to switch to **Main screen** viewing mode is also available.

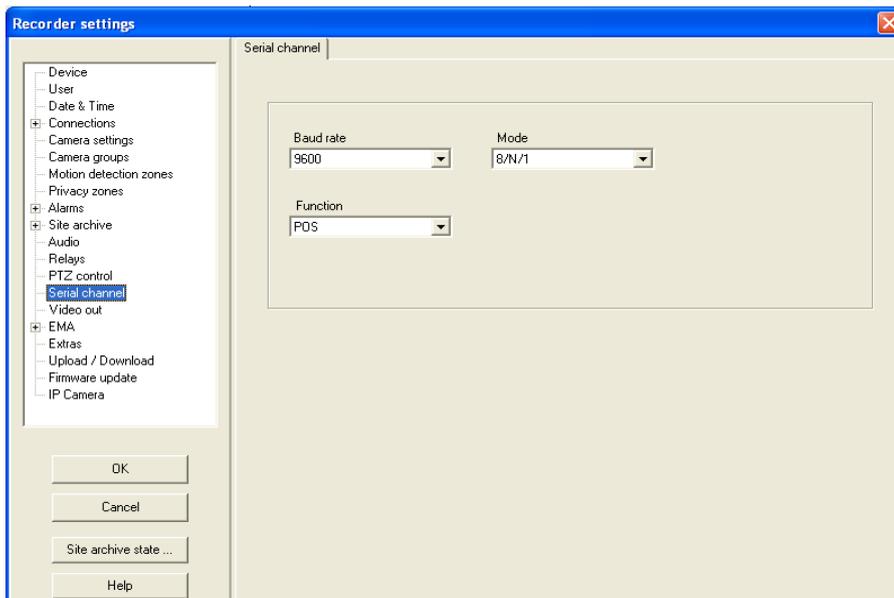
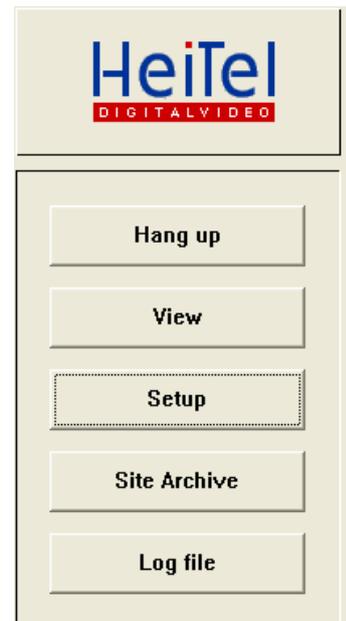
Main screen: This is the default viewing mode of Cam Control LITE.

Zoom window: the zoom window offers a further display format for the Cam Control LITE software .It switches to a window that can be freely scaled and positioned. Here depending on the display selected the images are shown in the Quad screen format (see example).

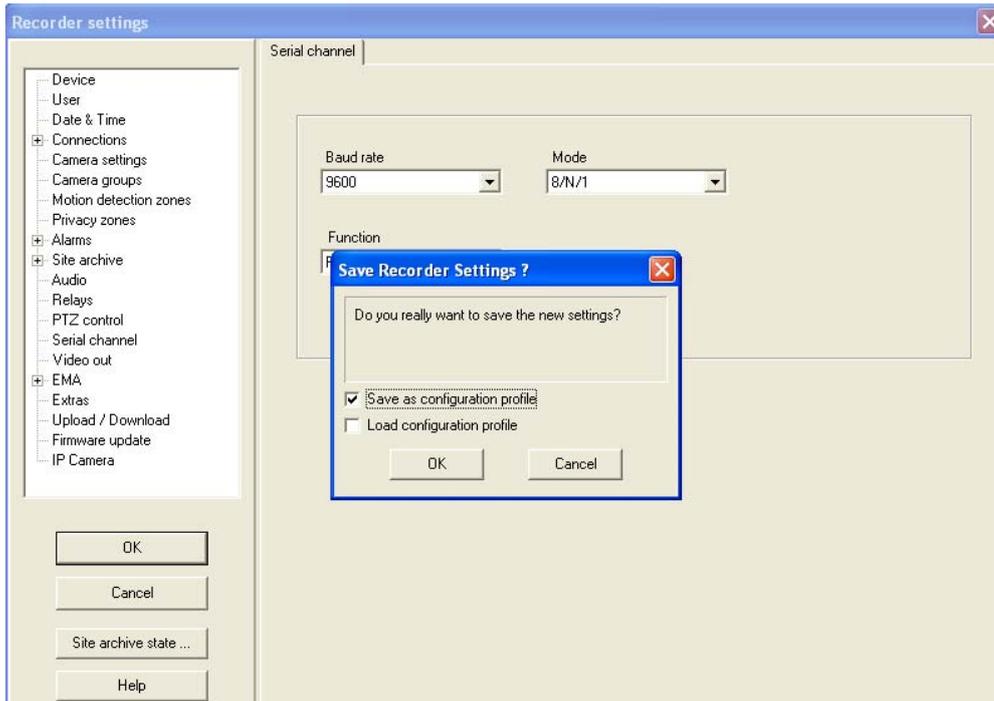


7. How to set the DVR to work with VSI-Pro, VSI-Pro Max or VSSI-Pro

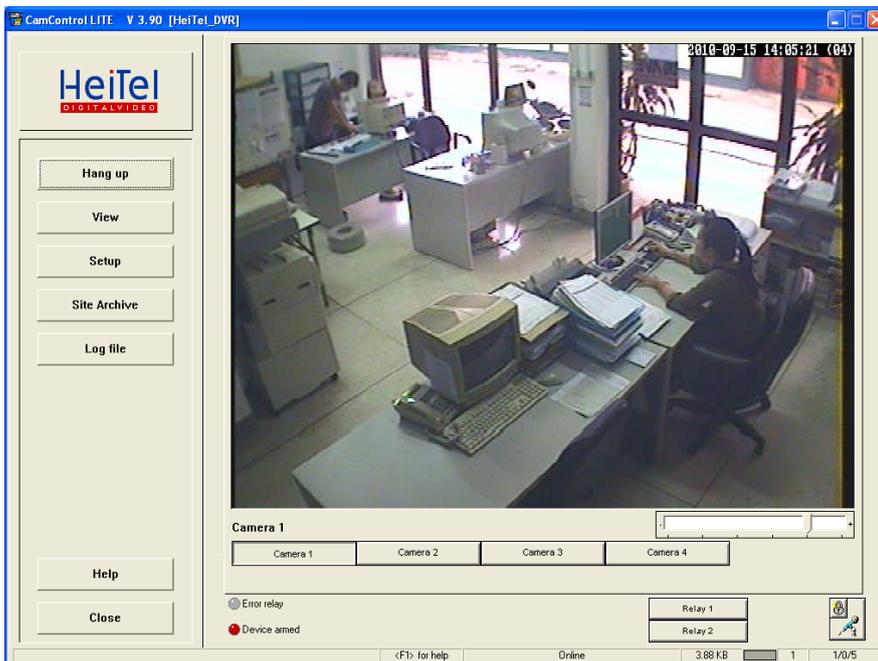
- 7.1 click button **Setup**.
- 7.2 Select the **Serial channel**.
- 7.3 Select the **Baud rate 9600**.
- 7.4 Select the **Mode 8/N/1**.
- 7.5 Select the **Function Pos**.
- 7.6 Click **OK** button.
- 7.7 Select the **Save as Configuration profile**.



7.8 Click OK.



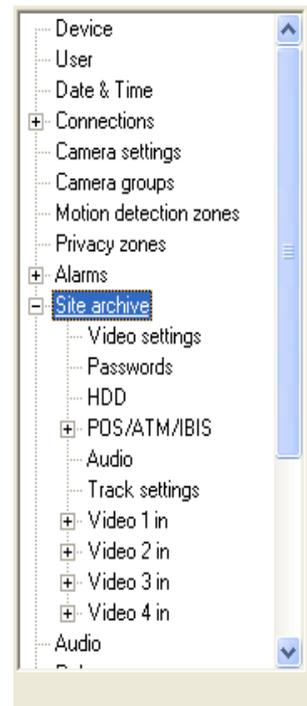
Back to the Main Menu.



7.9 Click button Setup.



- 7.10 Double Click the **Site archive**.
- 7.11 Select the **POS/ATM/IBIS**.
- 7.12 Select Type **POS/Track size (%)**/Line length **57**.
- 7.13 Click **OK** button.
- 7.14 Select the **Save as Configuration profile**.
- 7.15 Click **OK**.



Recorder settings

POS/ATM/IBIS | Keywords | Adapter

	Recording	Type	Track size (%)	Line length	Delete track
1	<input checked="" type="checkbox"/>	POS	25	57	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	POS	25	57	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	POS	25	57	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	POS	25	57	<input type="checkbox"/>

OK
Cancel
Site archive state ...
Help

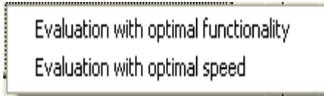
Set values for IBIS recording To record IBIS data select "IBIS" in "Serial channel/Function"

8. The images for the individual camera tracks are saved as continuous recording and/or event recordings in the **Transmitter archive**. Transaction data can also be recorded.

8.1. Click the site Archive button in which you can select between

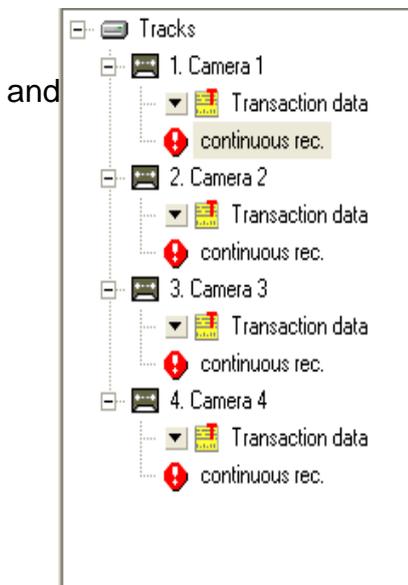


opens a pop-up menu



- Evaluation with optimal functionality.
- Evaluation with optimal speed.

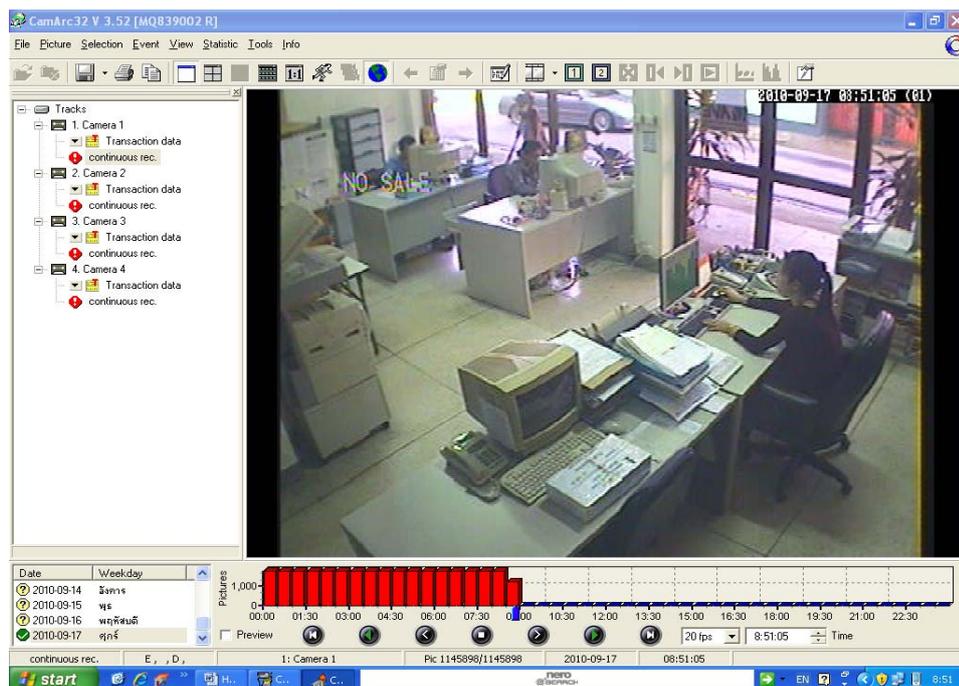
8.2 Click the **Evaluation with optimal functionality**. This extended access to the archive provides all functions.



8.2.1. The **camera** track node, with Camera Number name, branches into the various levels of the data and image recording.

8.2.2. The **transaction data** has been recorded for the camera track in question via a POS adapter.

8.2.3. This node indicates image **continuous recording** for the camera Track in question.



8.3 Click the   Transaction data.

Transaction data of camera 1 

Transaction data	Date & Time
F. L. HOT DOG 3.80	2010-09-17 14:02:05
FISH TACO 1.89	2010-09-17 14:02:06
SANDWICH 1.25	2010-09-17 14:02:06
CORN DOG 0.45	2010-09-17 14:02:07
[1a	2010-09-17 14:02:08
NO SALE	2010-09-17 14:02:09
BBQ SALAD 2.80	2010-09-17 14:02:10
CHICKEN SALAD 2.80	2010-09-17 14:02:10
CHOC TF CAKE 2.50	2010-09-17 14:02:11
MIXES DRINK 2.95	2010-09-17 14:02:12
BEER 1.25	2010-09-17 14:02:13
BURGER, FRIES 1.50	2010-09-17 14:02:13

Text & price search | Date time search

Time window

Start
Date: 19/7 / 2553
Time: 8:01:14

End
Date: 17/9 / 2553
Time: 14:02:26

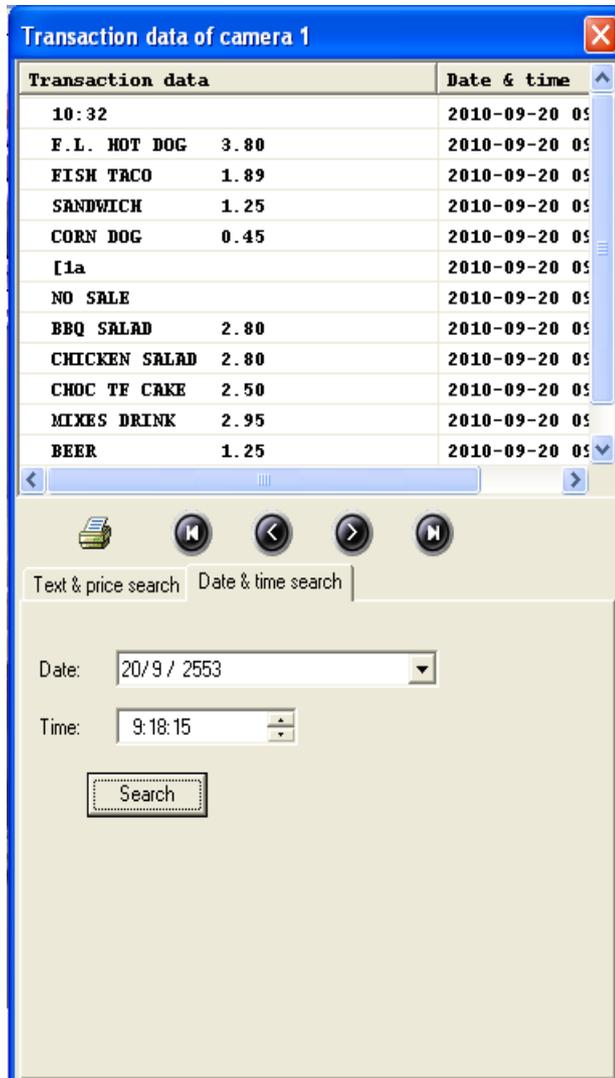
Select all

Search parameter

1:
 Price: >= 0
 2:
 Price: >= 0
 3:
 Price: >= 0
 4:
 Price: >= 0

Search items combined AND

8.5 Simple Date & Time search Enter the **Date** of the search Start or Select it using the Calendar function. You can enter the **Time** of the Search start in hours, minutes and seconds using the Buttons next to the time input box or using the keyboard. Click Search to start the Search the first sales receipt recorded after the specified Search start is returned.



8.6 Click Live



to exit the site Archive.