

СИМПЛЕКСНЫЙ ЦИФРОВОЙ РЕГИСТРАТОР



MDR-1000

Руководство пользователя



Спасибо, что Вы приобрели данное устройство.

В зависимости от технических параметров рисунки могут не всегда соответствовать реальной системе.

Мы рекомендуем пользователям перед установкой и эксплуатацией данного устройства внимательно прочитать руководство и другие справочные материалы, упоминаемые в данном руководстве.

Данные технические параметры подлежат изменениям без предварительного уведомления. Изменения проводятся с целью улучшения функционирования данного устройства. Данное руководство и программное обеспечение защищены законом об АВТОРСКОМ ПРАВЕ.



(DVR)

1.

(90~260

).

2.

DVR.



3.

DVR

4.

5.

DVR

(

).

6.

DVR

. DVR

DVR

7.

DVR.

DVR,

8.



:

DVR

9.

3 ,



:

DVR



:

10.

DVR

DVR.

FCC

:

,

,

,

.

:

A

,

15

FCC .

.

,

,

,

.

,

.

1.	.....	6
2.	.....	7
2.1.	.....	7
2.2.	.....	8
2.2.1.	.....	8
2.2.2	.....	9
3.	.....	10
3.1.	.....	10
3.2.	HDD	10
3.3.	.....	10
4.	.....	13
4.1.	.....	13
4.2.	.....	14
4.2.1.	.....	14
4.2.2.	.....	16
4.2.3.	.....	17
4.2.4.	.....	19
4.2.5.	.....	20
4.2.6.	HDD	22
4.2.7.	.....	22
4.2.8.	(, IP)	24
5.	.....	27
6.	.....	29
6.1.	.....	29
6.1.1.	.....	29
6.1.2.	.....	29
6.2.	.....	30
7.	PTZ ()	32
8.	.....	34
9.	.....	35

1.

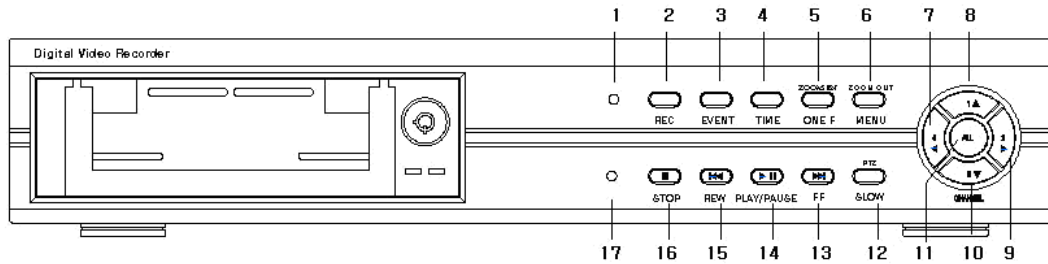


1		1
2		1
3	-	1
4		1
5	CD	1
6	()	(.)

CD

2.

2.1.

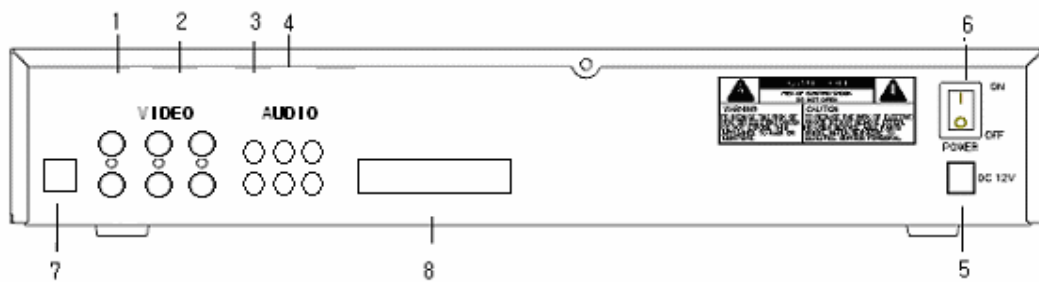


NO.		
1	POWER LED	/
2	REC	.
3	EVENT	.
4	TIME	.
5	ONE_FRAME/ZOOM IN	.
6	MENU/ZOOM OUT	PTZ
7	CH4(LEFT)	4
8	CH1(UP)	1 « ».
9	CH2(RIGHT)	2 « ».
10	CH3(DOWN)	3 « ».
11	ALL(ENTER)	4 «ENTER».
12	SLOW/PTZ	PTZ.

13	FF	
14	PLAY/PAUSE	/
15	REW	
16	STOP	
17	REC LED/REMOCON	

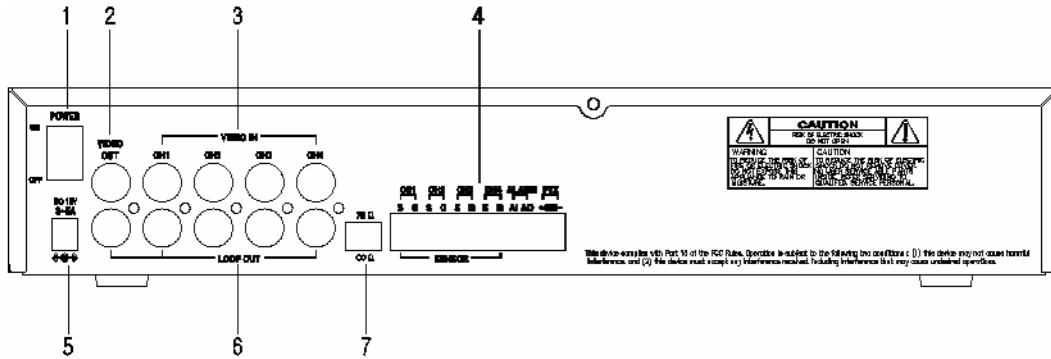
2.2.

2.2.1.



No.		
1	VIDEO OUT	
2	VIDEO IN	
3	AUDIO OUT	
4	AUDIO IN	
5	POWER IN	+12).
6	POWER SWITCH	
7	LAN	
8	ALARM/SENSOR	

2.2.2.



No.		
1	POWER SWITCH	
2	VIDEO OUT	
3	VIDEO IN	
4	ALARM/SENSOR	
5	POWER IN	DC (+12).
6	LOOP OUT	
7	Compensation S/W	.(. 75)

3. SYSTEM FUNCTION

3.1.

HDD 1 HDD 2, LAN, AUDIO.

3.2. HDD

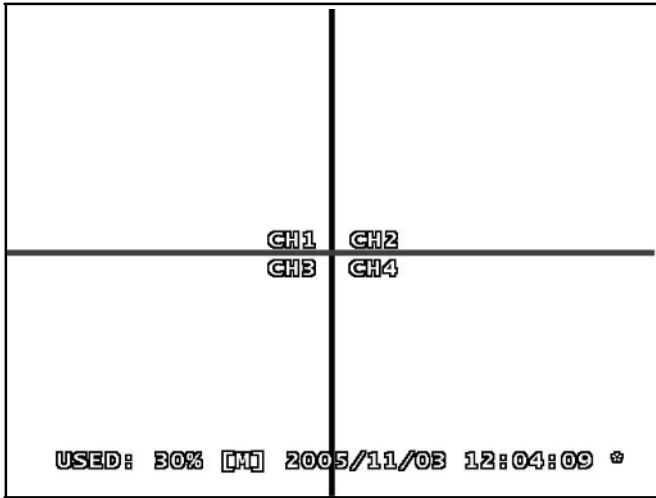
HDD. 2
HDD.
HDD, "OK", HDD
HDD, "Not
installed" ().
HDD, HDD,
HDD. HDD
HDD

HDD HDD,
(RACKMOUNT).

: HDD "LAN check
OK",
"AUDIO OK",
RTC,
RTC ()

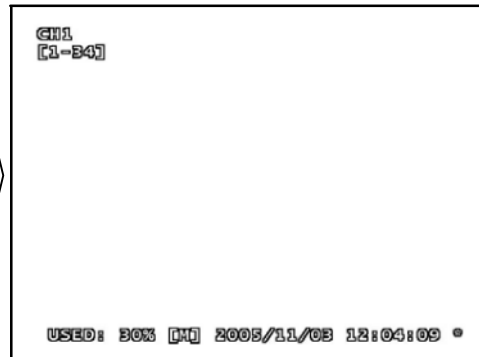
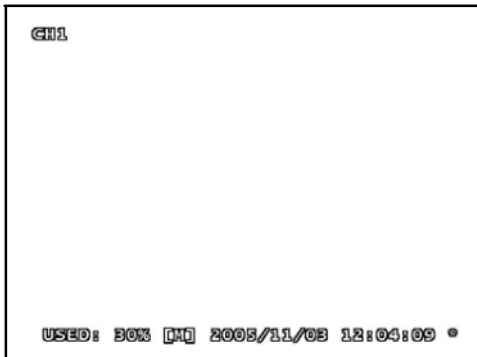
3.3.

HDD, LAN AUDIO,



. USED 30%

	HDD. [M]	[S]		HDD. [M]
HDD, [S]	HDD.	HDD,	***	NO HDD.
"2005/11/03 12:04:09"				HDD
. CH 1, 2, 3, 4				



ALL.

MENU->SYSTEM->DISPLAY PERIOD.

2 .

4.

4.1.

SETUP ()		FACTORY DEFAULT ()
RECORD ()	CHANNEL1~4 (1-4)	YES
	MODE ()	EACH ()
	FRAMERATE ()	30
	QUALITY ()	NORMAL ()
	SCHEDULE ()	TIME RECORD[T] ()
(*1)AUDIO	MUTE ()	NO
	RECORDING ()	NO
	CHANNEL ()	CH1
SENSOR ()	CH1~4 TYPE ()	NONE
	RECORDING TIME ()	10 SEC
MOTION ()	CHANNEL1~4(1-4)	NO
	SENSITIVITY ()	5
	RECORDING TIME ()	10 SEC
	SELECT AREA ()	-
ALARM ()	CHANNEL1~4(1-4)	NO
	DURATION ()	5 SEC
HDD	HDD OVERITE ENABLE ()	YES
	MASTER HDD FORMAT (HDD)	-
	SLAVE HDD FORMAT(HDD)	-
SYSTEM ()	DISPLAY PERIOD()	02
	DATE FORMAT()	YYYY()/MM()/DD()
	TIME SETUP()	-
	PASSWORD ()	111111
	FACTORY DEFAULT()	-
	VIDEO MODE	-
(*2)NETWORK ()	CLIENT ACCESS ENABLE()	YES
	DHCP ON	YES
	GET DNS AUTOMATICALLY (DNS)	YES
	GET DIPS FROM DNS (IP DNS)	YES
	DIPS	222.231.024.028
	DNS	XXX.XXX.XXX.XXX
	IP	192.168.1.90
	GATEWAY()	192.168.1.1
	SUBNET MASK ()	255.255.255.0
	MAC ADDRESS (-)	00:11:3D:XX:XX:XX
PRODUCT ID	xxxxxxxx-xxxxxxxx	

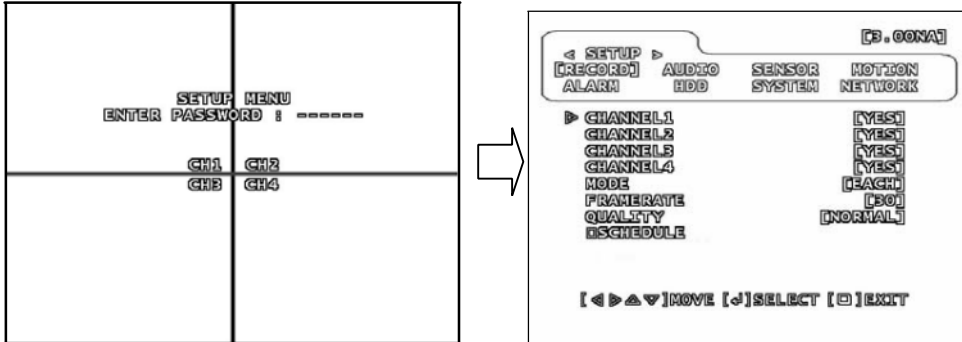
(*1):

(*2):

4.2.

"MENU"

MENU SETUP .

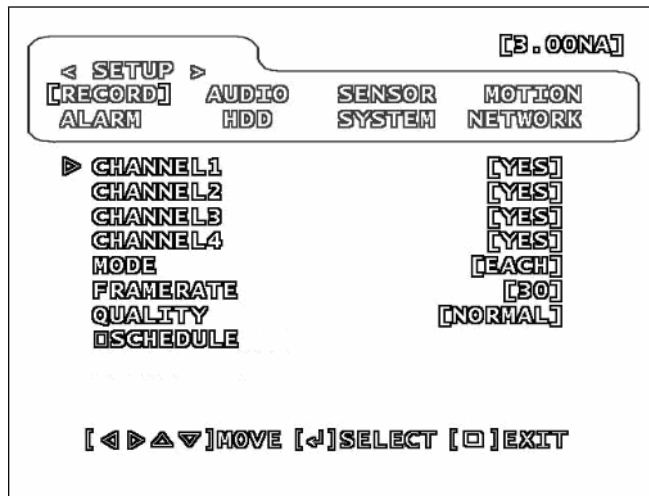


RIGHT LEFT.
RECORD, AUDIO, SENSOR, MOTION, HDD,
SYSTEM, NETWORK setup. UP DOWN SUB MENU,

MENU

4.2.1.

RECORD SETUP



4.2.1.1. 1~4

[YES]

[NO]

4.2.1.2.

RECORD MODE.

SELECT BUTTON EACH () QUAD ().
 EACH MODE , 4 , 1,2,3,4,
 4 . QUAD MODE
 , 4 , () ,

: EACH MODE.

4.2.1.3.

FRAMERATE (). SELECT
 30 (NTSC) 25 (PAL),
 , 30 25 .
 , .
 , 1 30
 (NTSC 9 : 1, 2, 3, 4, 5, 7, 10, 15 30),
 (PAL - 8: 1, 2, 3, 5, 6, 8, 12 25).

AUDIO RECORD () 5, 7, 10, 15, 30 .

4.2.1.4.

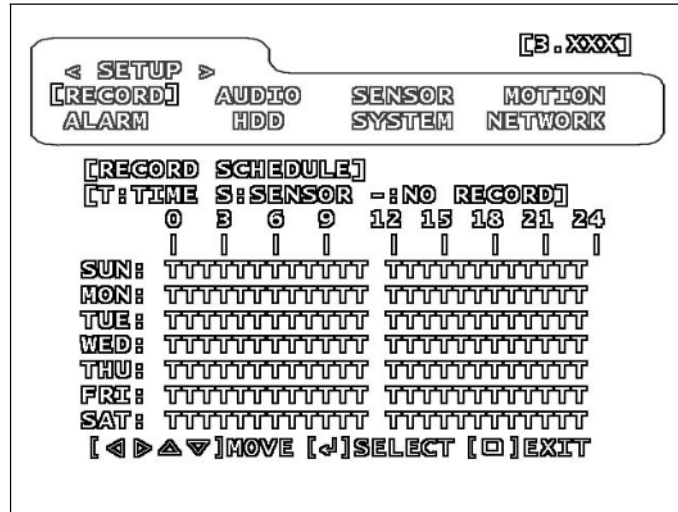
VIDEO QUALITY. SELECT
 LOW (), NORMAL () HIGH ().

: VIEW MODE ()

4.2.1.5.

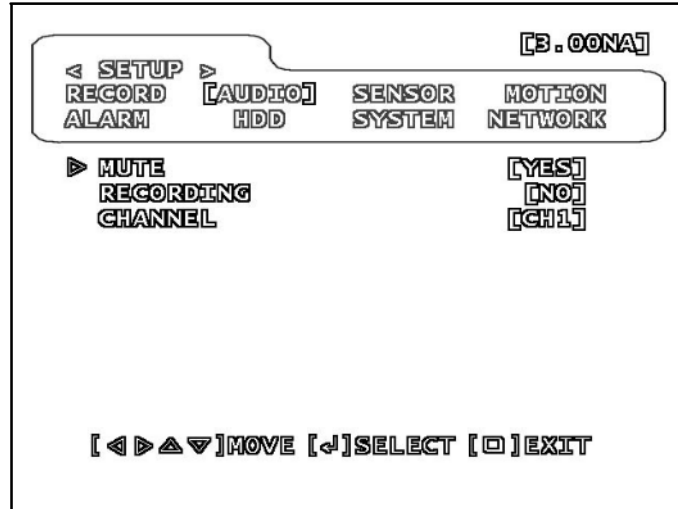
SCHEDULE.

SELECT



(12 , , 24 "T"
 (1:00 - 2:00), 1:00). "T"
 "V" UP DOWN SELECT
 (T), (S) (--)
 ⌘ (T)
 ⌘ (S)
 ⌘ (-)
 ⌘ (T).

4.2.2.



4.2.2.1. MUTE ()

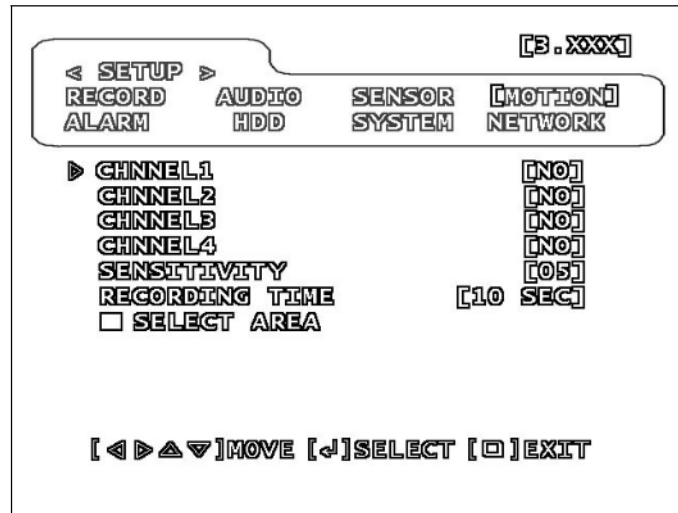
4.2.2.2. RECODRING ()

4.2.2.3. CHANNEL ()

4.2.3.

SENSOR SETUP.

4.2.4.



4.2.4.1.

1~4

4.2.4.2.

4.2.4.3.

4.2.4.4.

M	M	M	M	M	M
		CH1			
M	M	M	M	M	M
M	M	M	[]	M	M
M	M	M	M	M	M

SLOW

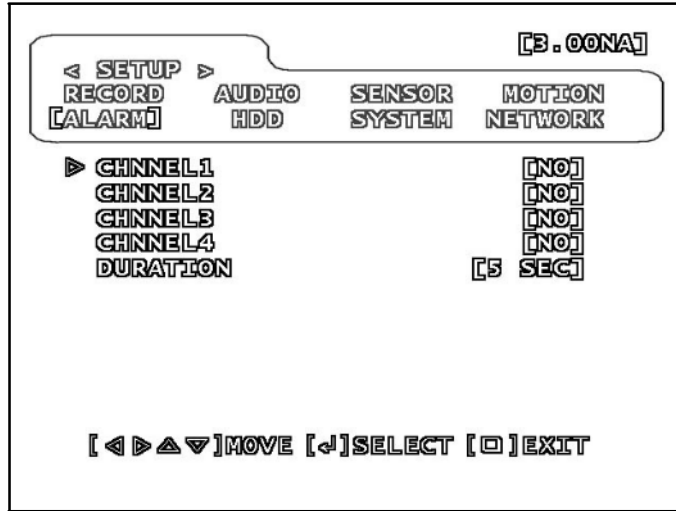
UP, DOWN, LEFT, RIGHT

ALL

M,

4.2.5.

"0,"



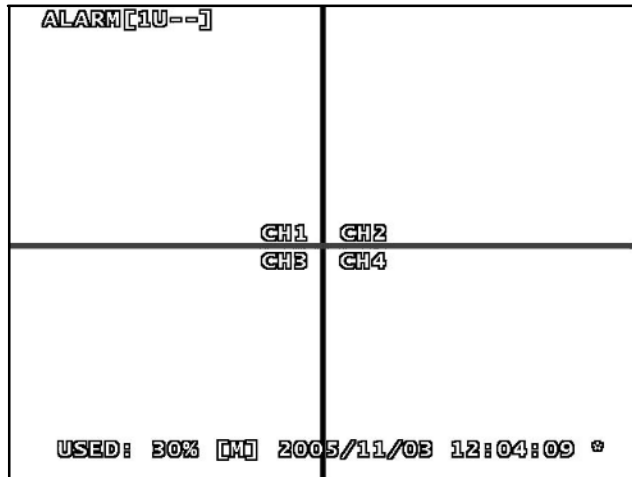
4.2.5.1.

1~4

[YES]

SETUP MENU-> SENSOR and MOTION

ALARM[1U--]. "U"

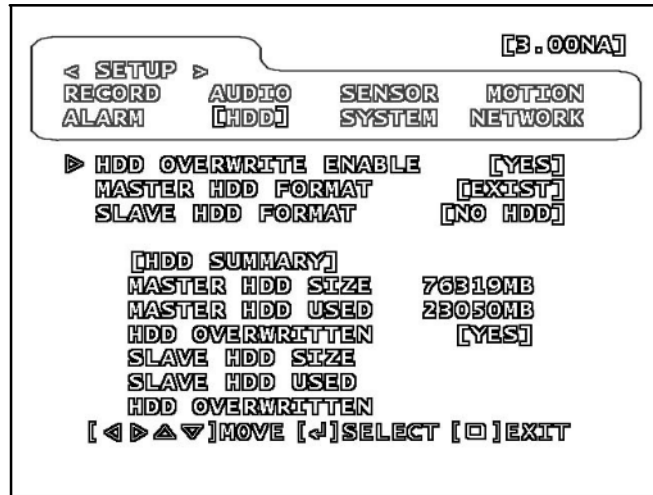


4.2.5.2.

4.2.6. HDD SETUP

HDD.

HDD,



4.2.6.1.

HDD

YES (),

NO,

HDD.

4.2.6.2.

HDD

HDD,

[EXIST].

[NO HDD].

[EXIST]

HDD,

HDD

4.2.6.3.

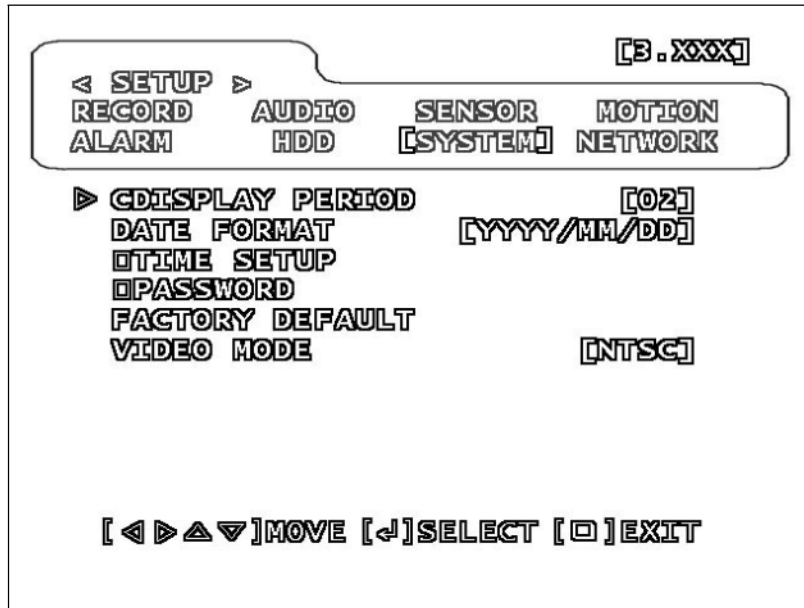
HDD

HDD,

1

1048576

4.2.7.



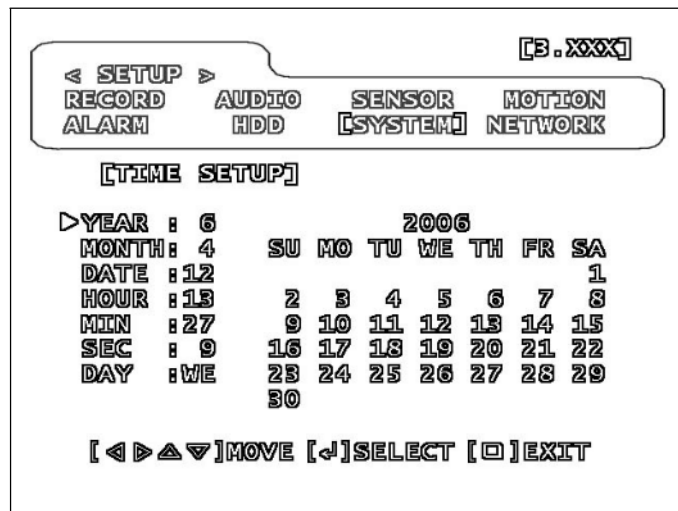
4.2.7.1.

EACH MODE.

4.2.7.2.

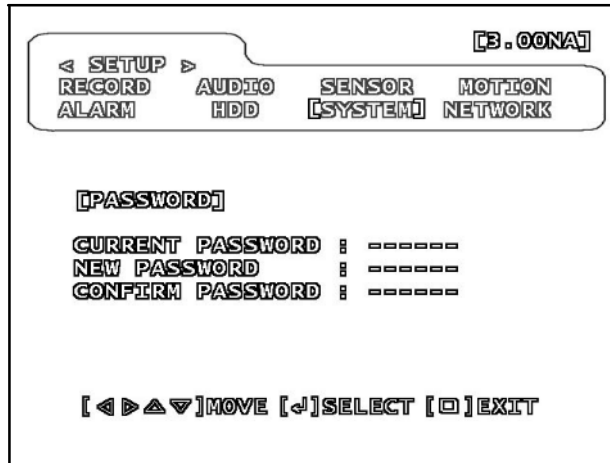
MM/DD/YYYY, DD/MM/YYYY (Y - , M - , D -). : YYYY/MM/DD,

4.2.7.3.



4.2.7.4.

: "111111". CH 1, 2, 3 4



4.2.8. NETWORK SETUP (IP)

DVR IP

DIPS. DIPS – IP IP,

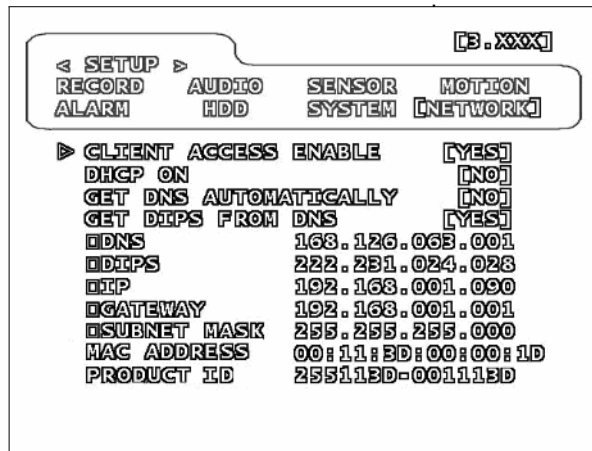
ADSL VDSL ,

DVR IP- DVR

DIPS IP- DVR DVR

IP- DIPS. DVR

DIPS.



4.2.8.1. (IP)
(CLIENT PROGRAM). DVR

4.2.8.2. DHCP (IP)
DHCP , DVR IP,
DHCP , DHCP ,
DHCP NO.

4.2.8.3. DNS (IP)
DVR IP- DNS DHCP . DHCP ,
NO, IP
DNS. DNS -

4.2.8.4. DIPS DNS (IP)
"GET DIPS FROM DNS" YES, DVR IP- DIPS DNS
IP- DNS , DVR
DIPS. NO,
IP DIPS. IP- DIPS 222.231.024.028. DIPS IP- DVR.
DVR DIPS , DVR IP DIPS.
IP-

4.2.8.5.
DNS, DIPS, IP, GATEWAY, SUBNET MASK MAC-
DHCP ON IP, ,
DHCP DVR IP,
DNS DHCP. , "GET DNS AUTOMATICALLY",
DHCP ON YES.
DNS, DIPS, IP, GATEWAY (), SUBNET MASK () MAC-
UP DOWN, ENTER.

[B.XXX]

< SETUP >

RECORD	AUDIO	SENSOR	MOTION
ALARM	HDD	SYSTEM	[NETWORK]

▶ CLIENT ACCESS ENABLE [YES]

DHCP ON [NO]

GET DNS AUTOMATICALLY [NO]

GET DIIPS FROM DNS [YES]

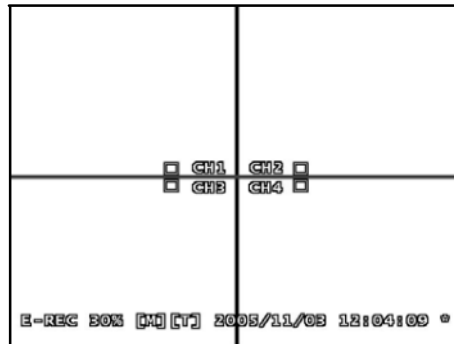
▼

DIIPS	222.251.024.028
DIP	192.168.001.090
DGATEWAY	192.168.001.001
DSUBNET MASK	255.255.255.000
MAC ADDRESS	00:11:3D:00:00:1D
PRODUCT ID	255113D-001113D

5.

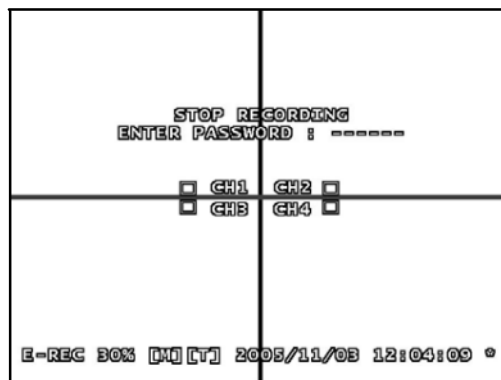
"REC"

1



- ⌘ E-REC:
- ⌘ Q-REC:
- ⌘ [M]: HDD.
- ⌘ [S]: HDD.
- ⌘ 30%: 30% HDD.
- ⌘ [T]:
- ⌘ [S]:

"STOP"



CONTINUOUS RECORDING MODE (T) ()
 SENSOR RECORDING MODE (S) () . SETUP-
 >RECORD->SCHEDULE.

SCHEDULE ().

SELECT BUTTON

(1:00 – 2:00), (12 , 1:00). 24 "T"
 "T"
 UP DOWN
 "V" SELECT
 (T), (S) (--)

⌘ (T)

⌘ (S)

⌘ (-)

⌘ (T).

"START TO

RECORD"

6.

6.1.

6.1.1.

```
EVENT SEARCH [E.00NA]

TOTAL EVENT NO. 060
▶ 001 MT 2005/11/03 14:37:24-14:49:10
  002 MT 2005/11/03 12:01:24-12:02:33
  003 MT 2005/11/03 12:00:04-12:01:10
  004 MT 2005/11/03 11:37:24-11:49:01
  005 MT 2005/11/03 08:37:24-09:09:11
  006 MT 2005/11/02 15:00:00-15:44:22
  007 MT 2005/11/02 14:00:00-15:00:00
  008 MT 2005/11/02 13:00:00-14:00:00
  009 MT 2005/11/02 12:00:01-13:00:00
  010 MT 2005/11/02 11:00:00-12:00:00
  [▲▼]MOVE [00-]PLAY [□]EXIT
                        2005/11/03 12:04:09 *
```

"EVENT SEARCH"

UP DOWN

PLAY

ENTER

64.

6.1.2.

"TIME SEARCH"

```

TIME SEARCH
MASTER START-END TIME
2006/09/08 12:01:24-09/09/08 12:02:33
▶YEAR : 6          2006
MONTH: 4    SU MO TU WE TH FR SA
DATE :12
HOUR :15    2 3 4 5 6 7 8
MIN  :27    9 10 11 12 13 14 15
SEC  : 9    16 17 18 19 20 21 22
DAY  :WE    23 24 25 26 27 28 29
          30
[▲▼]MOVE [◀▶]CHANGE
[▶]PLAY [□]EXIT

```

MASTER () HARD DRIVE,
LEFT RIGHT ()

6.2.

PLAY	
FF	FF 5 (4, 16, 32, 64 128).
REW	(4, 16, 32, 64 128). 5
STOP	
SLOW	3 (1/2, 1/4 1/8).
ONE FRAME	

EACH MODE, (FULL)
(QUAD). QUAD MODE,
QUAD. EACH MODE, 1,2,3,4 ALL
HDD,

7.

PTZ ()

PELCO-D
"SLOW"

PTZ

RS485.

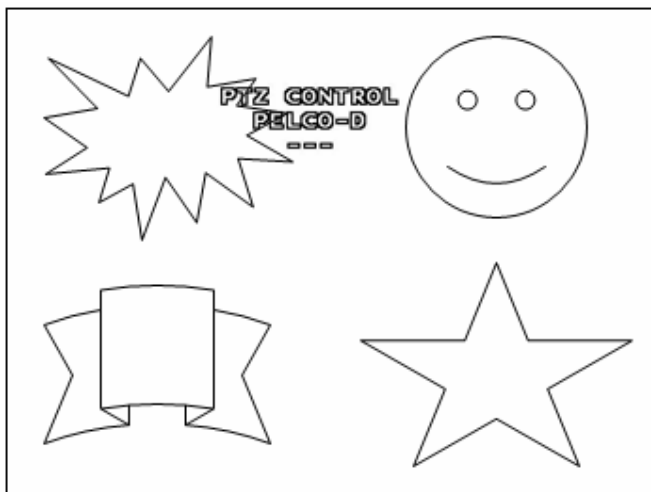
PTZ.

PTZ

SLOW(PTZ)	PTZ.
CH1(UP)	"UP".
CH2(RIGHT)	"RIGHT"
CH3(DOWN)	"DOWN".
CH4(LEFT)	"LEFT".
ONE FRAME (ZOOM IN)	"ZOOM IN" ().
MENU (ZOOM OUT)	"ZOOM OUT" ().
ENTER (Select PTZ camera)	ID PTZ.

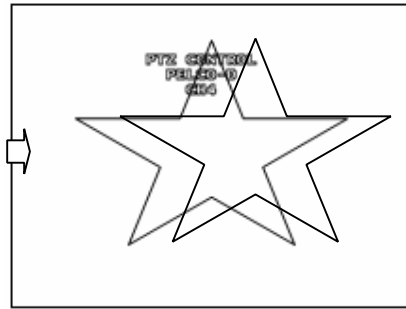
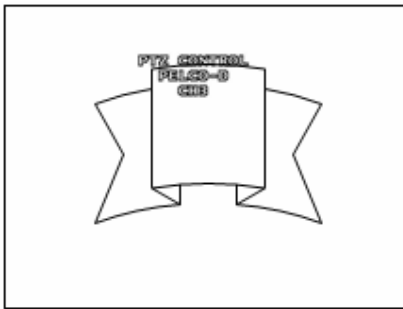
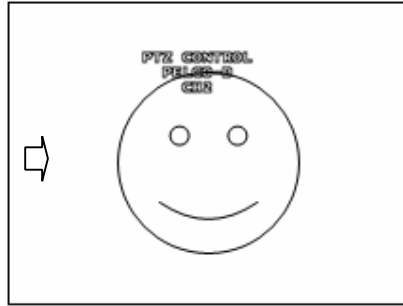
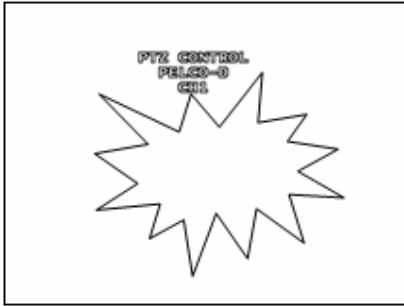
"SLOW"

PTZ.



“ENTER”

PTZ-



PTZ-
 “ENTER”,
 DOWN, LEFT, RIGHT ZOOM IN

CH1,
 ZOOM OUT”.
 SLOW

CH1
 ,
 EXIT.

“UP,

8.

		+1	.	
		4		
		2		
		NTSC / PAL		
	NTSC	640 * 480		
	PAL	640 * 576		
	NTSC	640 * 224		
	PAL	640 * 272		
	NTSC	120	/ () / 30	/ ()
	PAL	100	/ () / 25	/ ()
	NTSC	30	/ () / 7.5	/ ()
	PAL	25	/ () / 6.25	/ ()
		/		
		/		
		JPEG		(8~20 /)
()	Low ()	12	/	
	Normal(.)	15	/	
	High ()	20	/	
	HDD			40~250G 1EA,2EA
	HARD RACK	HDD	HARD RACK.	HDD
		/		
		1	/ 2	
	PTZ	PELCO-D, RS485 (2400 /)		
		Multi viewer software		
	MICROSOFT	WIN_2000, WIN_XP		
WINDOWS	(12)	+	12	
/		4	/ 1	
/		5~40Co /20~80%		

9.

		Network/Basic +1 Audio
		1
	/	/