

SHDS-F4Pro

User Manual



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www.PelikanCam.com

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1. SHDS-F4Pro

SHDS-F4Pro is a quad splitter receiving either HD-SDI or HDMI signal. Receiving Full HD(1920*1080) up to 4CH and display single or quad on the screen. (SHDS-F4PRO has compatibility to receive HD-SDI (SMPTE) which is commonly used in Broadcasting Industry. Thus, the equipment can be placed in the different business fields for versatile usages). It supports 4 BNC(SDI) input ports and 4 HDMI input ports. Also, it supports various digital/analogue output ports. Additionally, user can control system and firmware update through various network protocols.

***Digital video splitter only for High definition camera(HD-SDI/HDMI)**

***Various video output mode (1920*1080,1280*1024,1280*960,1280*720,1024*768)**

*** Auto System Recovery**

***Support RS-232,RS-485**

***Various video output ports (digital/analogue)**

***Control via TCP/IP network**

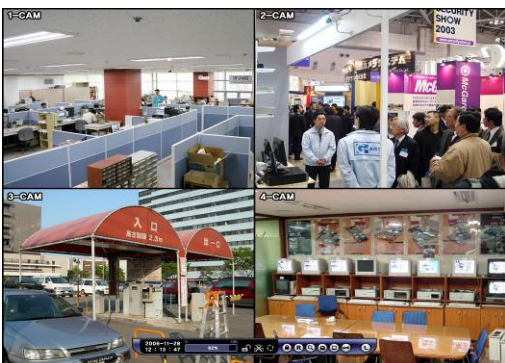
***Support multi languages**

Channel Organization

1channel monitoring: Full HD(1920*1080) display



4channel monitoring: 960*540 display per channel



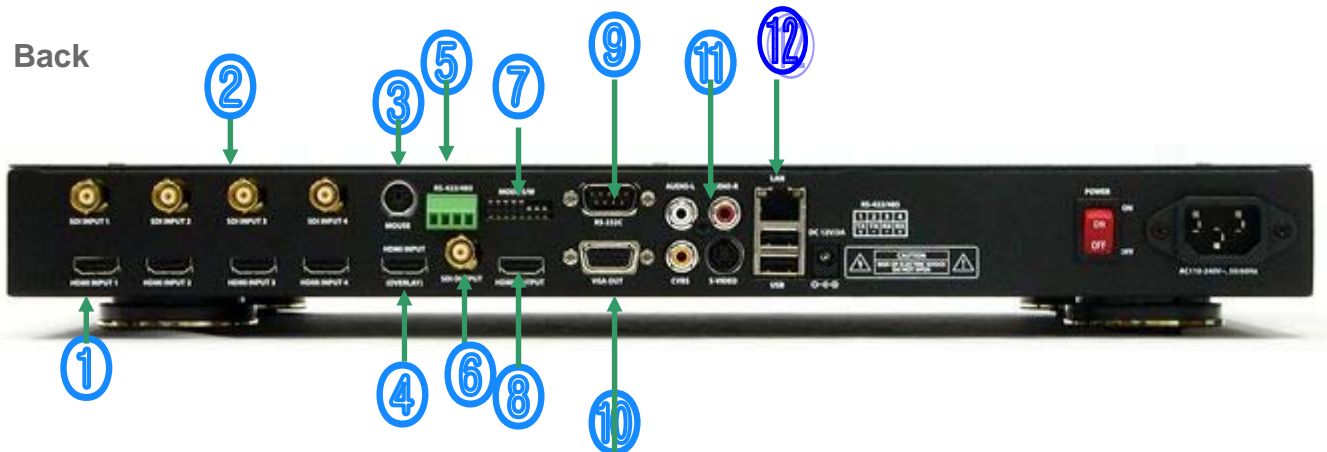
3. Product Structure

Front



No	Type	Discription
1	LED	SDI/HDMI input check LED
2	LED	SDI OUTPUT / HDMI IN / ETHERNET input check LED
3	USB Port	Firmware Update
4	Functional Button	Functions per buttons (Division Screen & setup check)
5	Power Switch	On / Off

Back



No	Type	Description
1	HDMI Connector	HDMI 4channel input
2	SDI Connector	SDI 4channel input
3	Mouse	Support PS/2 Mouse
4	HDMI INPUT	Overlay video output
5	RS-422/485	422/485 network control
6	SDI output	4channel division screen SDI output
7	Dip switch	Firmware update & screen output resolution change
8	HDMI Output	HDMI output
9	Serial Port	RS-232 network control
10	VGA Port	VGA screen output
11	Audio/Video output	Audio left/right ,S-Video, CVBS(composite) output
12	LAN/USB Port	Control through LAN & USB firmware update

DIP SWITCH

DIP Switch	Function	ON	OFF
1	H/W DOWNLOAD	ON	OFF (Default)
2	SERIAL UPGRADE	UPGRADE	NORMAL (Default)
3	SDI & HDMI SEL	HDMI	SDI
4	NOT USER	-	-
5	SCREEN MODE 0	Refer to table No. 2	
6	SCREEN MODE 1		
7	SCREEN MODE 2		
8	SCREEN MODE 3		

[Dip Switch function]

	SMODE 0	SMODE 1	SMODE 2	SMODE 3	SCREEN MODE
0	OFF	OFF	OFF	OFF	1920 x 1080, 60P (Default)
1	OFF	OFF	OFF	ON	1920 x 1080, 60i
2	OFF	OFF	ON	OFF	1920 x 1080, 30P
3	OFF	OFF	ON	ON	1920 x 1080, 50i
4	OFF	ON	OFF	OFF	1920 x 1080, 50P
5	OFF	ON	OFF	ON	1920 x 1080, 25i
6	OFF	ON	ON	OFF	1280 x 1024, 60P
7	OFF	ON	ON	ON	1280 x 1024, 50P
8	ON	OFF	OFF	OFF	1280 x 720, 60P
9	ON	OFF	OFF	ON	1280 x 720, 30P
10	ON	OFF	ON	OFF	1280 x 720, 50P
11	ON	OFF	ON	ON	1280 x 720, 25P
12	ON	ON	OFF	OFF	1024 x 768, 60P
13	ON	ON	OFF	ON	1024 x 768, 50P
14	ON	ON	ON	OFF	Not User
15	ON	ON	ON	ON	Not User

[Screen MODE]

4. SCREEN MODE

Operating the equipment and changing setting value with below tool bar.

If there is no action or movement of mouse and remote controller for 10 seconds, the bar will disappear automatically.

If you move the mouse on the bottom line of screen, menu bar will appear again on the screen.

4 Channel Mode












General screen display

Full Screen.

If you would like to see full screen, simply double click of left mouse button. To return a general screen mode, double click the mouse button again.

5. MENU BAR




1		Date	Year/Month/Day Indicator
2		Lock	Describe lock status
3		Network	Indicate network status
4		Auto rotation	Rotate Live screen
5		Lock key board	Indicate keyboard lock(virtual keyboard)
6		Select division	Indicate screen division and auto rotation function.
7		Setup	Set up HDS-F4PRO Functions
8		Hidden / Close	Close tool bar
9		Exit	Exit

6. LOGIN

1. Click  on the tool bar.



- 2.
3. Select user and click .

- 4.



Insert password with virtual keyboard.

5.  Click "ENTER"



6. Click "OK" to login.


7. SELECT DIVISION MODE

SHDS-F4PRO provides various division modes for user convenient.


- ① Click  on the tool bar.






Above division mode bar will be displayed.

- ③  Able to select start channel number.


- ④ Select division with favor. Simply, click the cell mode on the tool bar.

- ⑤  channel auto rotation, If you set 1channel display on SHDS-F4PRO, the screen will shift automatically.

- ⑥  Hidden camera function for private protection. It is designed for users' private while live display.

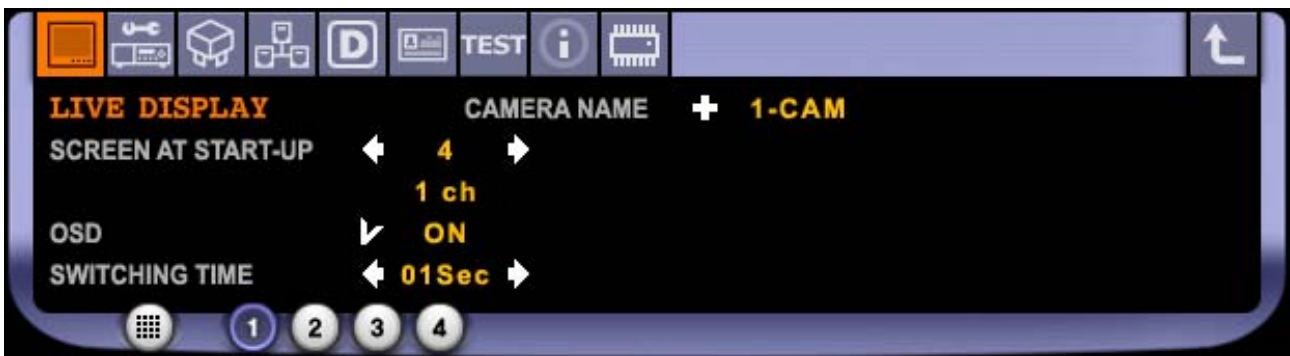
- ⑦ Select channel  to hide specific cameras and click . Afterward, others cannot see the screen

8. SETUP

- ① Click  on the tool bar.



LIVE DISPLAY




SCREEN AT START-UP	Choose division mode at start-up. (SHDS-F4PRO provide 4 channel modes)
OSD	ON SCREEN DISPLAY
SWITCHING TIME	Set screen rotating time.
CAMERA NAME	Able to write camera name (e.g corridor) (Max 9 alphabets)

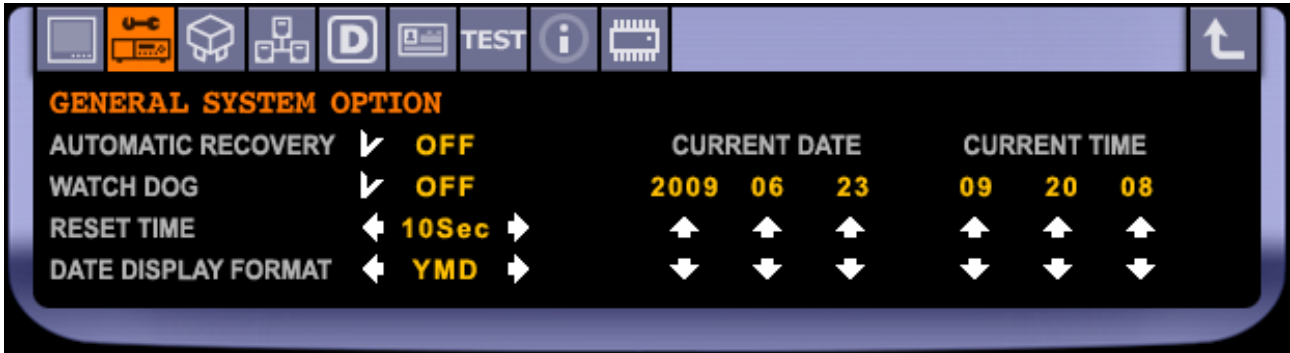
If you use CAMERA NAME + button, virtual keyboard will be displayed. User can insert English and digit combination max.9 characters. Please ENTER button after insert name.



9. GENERAL SYSTEM OPTION



① Click  : It will display setup screen.



AUTOMATIC RECOVERY	When the power is off and on, it starts automatically.
WATCH DOG	Recovery automatically.
RESET TIME	WATCH DOG Time Setup
DATE DISPLAY FORMAT	YMD(YEAR, MONTH, DATE) or DMY
CURRENT DATE	Set date
CURRENT TIME	Set time

10. Device

User can control SHDS-F4Pro through RS-485 or Network.



ID	DEVICE ID SETUP
BAUDRATE	NETWORK SPEED SELECT (ex. 4800 / 9600)
MODE	RS COMMUNICATION MODE SELECT
PARITY	EVEN OR ODD

11. NETWORK



NETWORK	ON/OFF
ADSL ID	INSERT ADSL ID
PASSWORD	INSERT PASSWORD
NETWORK PORT	DEVICE PORT NO(default)
IP ADDRESS	INSERT IP ADDRESS
SUBNET MASK	INSERT SUBNET MASK VALUE
GATEWAY	INSERT GATEWAY VALUE
DNS Server IP	INSERT DNS Server IP
MAC ADDRESS	INSERT DEVICE MAC ADDRESS

Please use virtual keyboard.



※ After complete IP setting, please restart [SHDS-F4Pro] to apply new setup value.

12. DDNS

If user uses changeable IP, please register DDNS web site.

DDNS

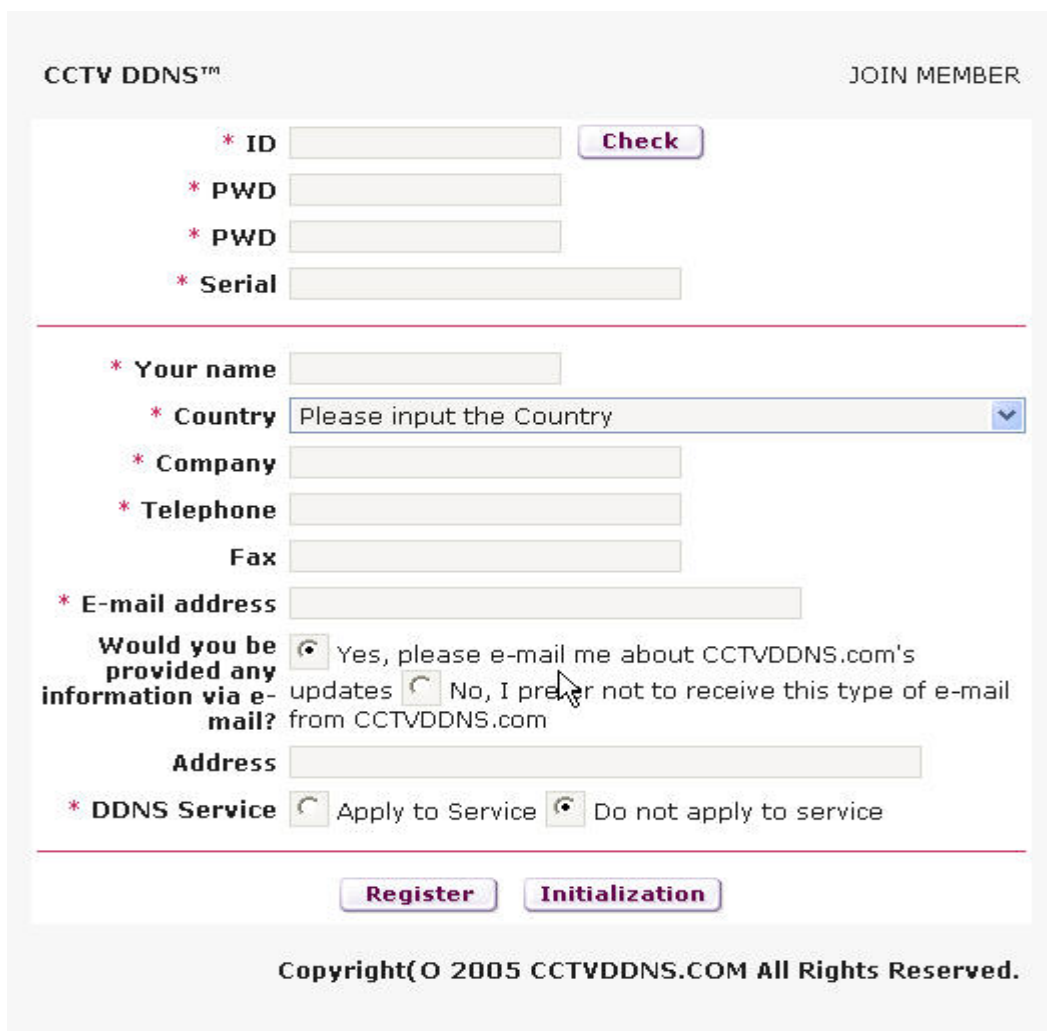
To get domain information, go to www.cctvddns.com



The screenshot shows the main interface of the CCTV DDNS™ website. It features a header with the logo and a mouse cursor pointing to it. Below the header, there are two input fields labeled 'ID' and 'PWD'. At the bottom of this section, there are two buttons: 'Log In' and 'Register'.

cctvddns.com MAIN SCREEN

User should register CCTVDDNS to get Server Information & Domain..

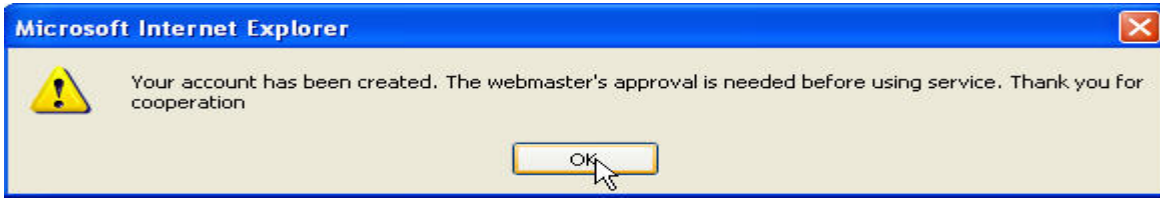


The screenshot displays the registration form on the CCTV DDNS™ website. The form is titled 'CCTV DDNS™' and includes a 'JOIN MEMBER' link. The registration process involves several steps:

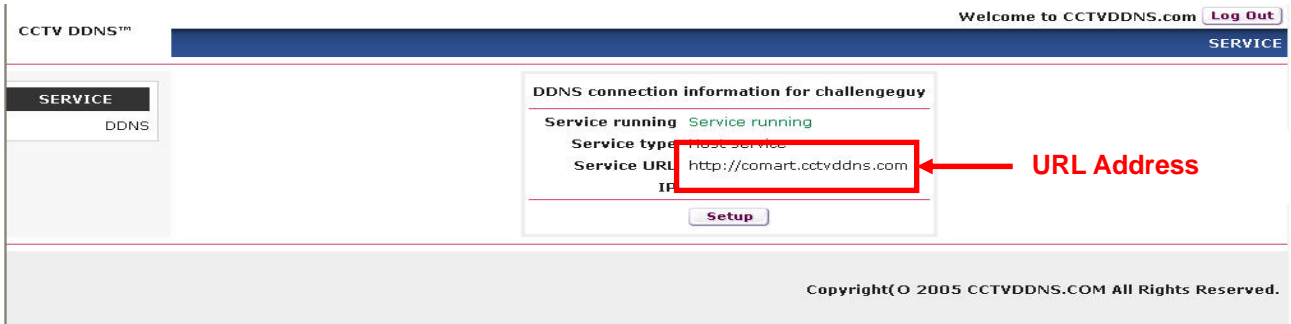
- ID Check:** A field for '* ID' with a 'Check' button.
- Account Details:** Fields for '* PWD' (password) and '* Serial'.
- Personal Information:** Fields for '* Your name', '* Country' (a dropdown menu with the placeholder 'Please input the Country'), '* Company', '* Telephone', and 'Fax'.
- E-mail Address:** A field for '* E-mail address'.
- E-mail Preference:** A question 'Would you be provided any information via e-mail?' with two radio button options: 'Yes, please e-mail me about CCTVDDNS.com's updates' (selected) and 'No, I prefer not to receive this type of e-mail from CCTVDDNS.com'.
- Address:** A field for 'Address'.
- DDNS Service:** A question '* DDNS Service' with two radio button options: 'Apply to Service' and 'Do not apply to service' (selected).

At the bottom of the form, there are two buttons: 'Register' and 'Initialization'. Below the form, the copyright notice reads: 'Copyright(O 2005 CCTVDDNS.COM All Rights Reserved.'

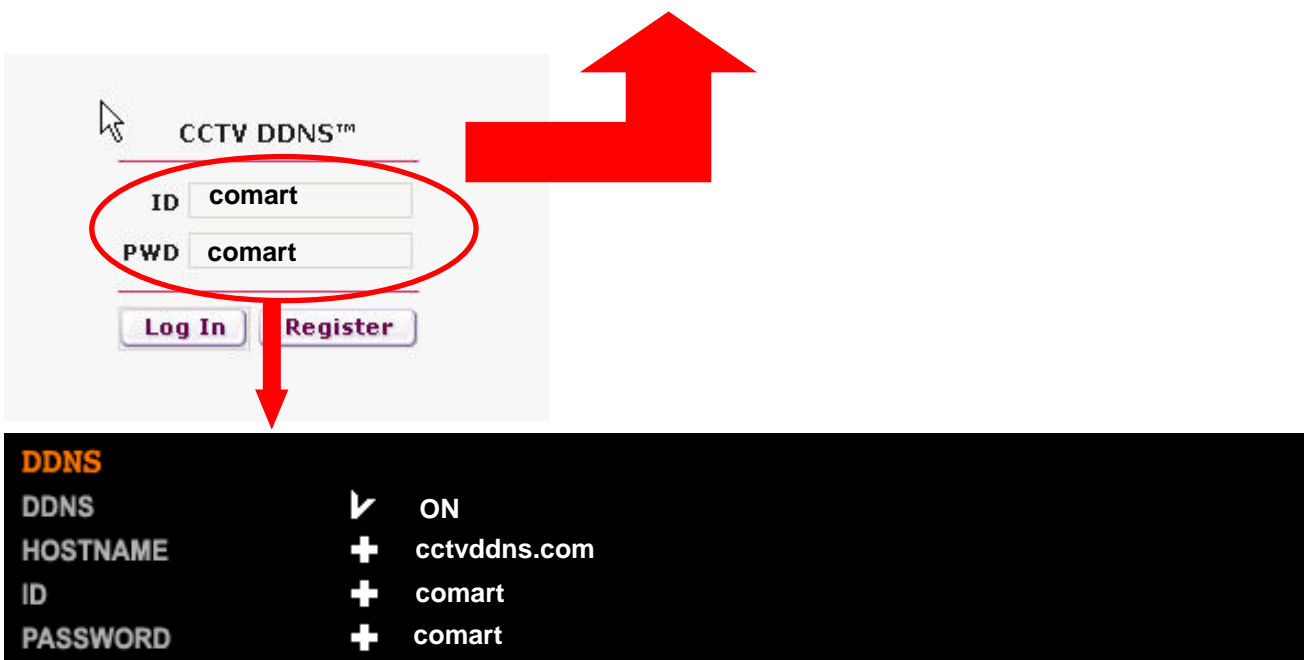
Fill out the form completely and press "Register"



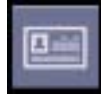
As user complete the form, above message will pop up on the screen. After register CCTVDDNS, wait until the account will be approved.



DDNS	Click DDNS On/Off
HOST NAME	cctvddns.com
ID	Insert user's ID of cctvddns.com
PASSWORD	Insert user's Password of cctvddns.com



13. PERMISSION



① Click Permission Icon.

You can create a new ID for other users and give specific access permission for security reasons.



1	USER ID	SELECTABLE ADMIN, USER 1~6
2	PASSWORD	DEFAULT VALUE : 1 changeable
3	CAMERA HIDE	HIDDEN CAMERA ON/OFF PERMISSION
4	SETUP PERMISSION	SETUP MODE PERMISSION ON/OFF FUNCTION
5	SEARCH PERMISSION	SEARCH FUNCTION PERMISSION ON/OFF FUNCTION
6	NETWORK PERMISSION	SOFTWARE PERMISSION from REMOTE ON/OFF FUNCTION
7	POWER PERMISSION	POWER ON/OFF PERMISSION

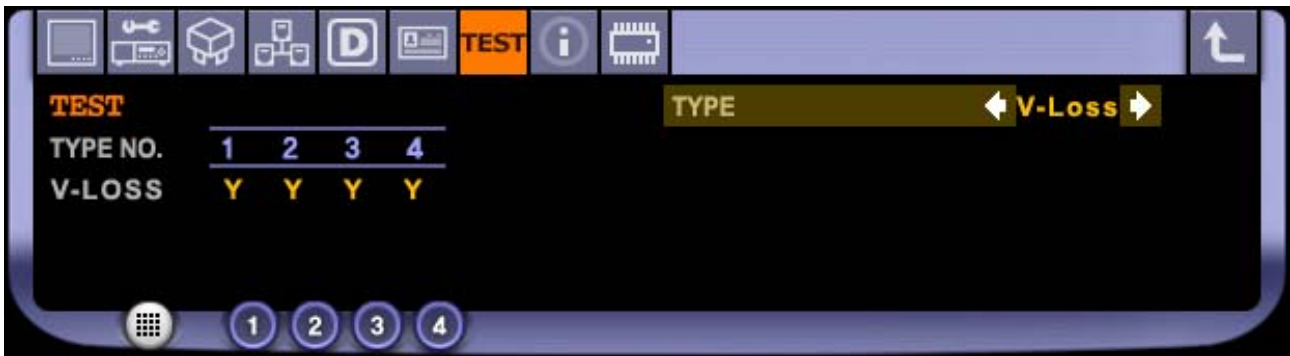
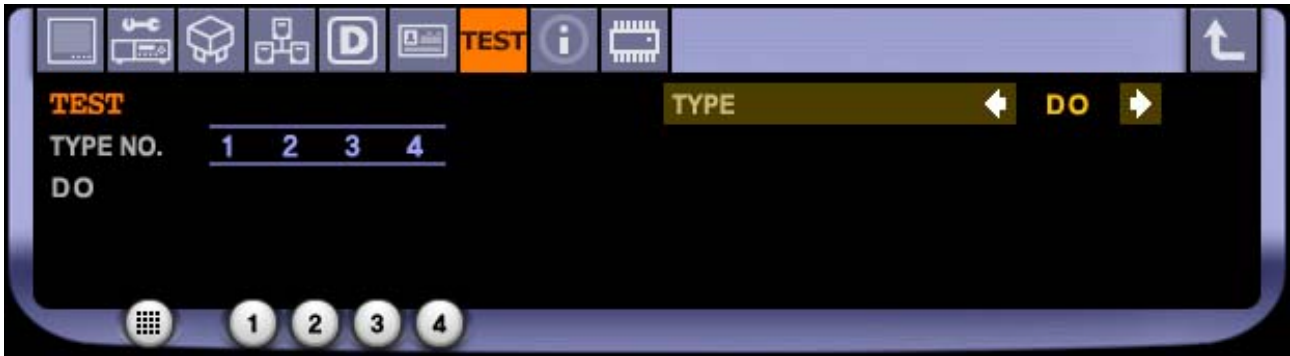
14. TEST



① Click

User can test device operation.





DI	Connected sensor check
DO	Alarm output test
V-LOSS	Video signal check
AUDIO	Audio test

15. INFORMATION

① Click 



The screenshot shows the top navigation bar with icons for Home, Network, Storage, System, D, TEST, and Information (highlighted in orange). Below the bar, the 'INFORMATION' menu is displayed with 'HW' selected under the 'TYPE' header. The menu lists hardware version information and system status.

INFORMATION	TYPE
MHW VER : 09-05-21:14	Current USER : admin
PLD1 VER : FF	Current IP : 192.168. 1.232
PLD2 VER : 00-00-00:00	
SCREEN MODE : 1920x1080	



The screenshot shows the top navigation bar with icons for Home, Network, Storage, System, D, TEST, and Information (highlighted in orange). Below the bar, the 'INFORMATION' menu is displayed with 'SW' selected under the 'TYPE' header. The menu lists software version information and system status.

INFORMATION	TYPE
HDS VER : 1.0.7.0:06-10	Current USER : admin
S DB VER : 00	Current IP : 192.168. 1.232
IMG VER : 09-04-4:15	
CUSTOM ID : 0xffffffff	



The screenshot shows the top navigation bar with icons for Home, Network, Storage, System, D, TEST, and Information (highlighted in orange). Below the bar, the 'INFORMATION' menu is displayed with 'OPT' selected under the 'TYPE' header. The menu lists optical board information and system status.

INFORMATION	TYPE
DIO : - - -	Current USER : admin
AUD : 4 CH	Current IP : 192.168. 1.232

It displays H/W, S/W version and OPT board information.

16. FIRMWARE UPDATE

SHDS-F4PRO provides firmware function that update latest version.



Step 1.



Step 2

If USB memory is connected, simply click '+' and select firmware file on the menu.

Step 3

Please click '+' in order to process "update".

User can check update processing on the screen.

It will take few minutes until update complete.

If update is completed, "UPDATE DONE" message will be shown on the screen.

Warning: Please do not power off or remove USB memory while firmware update.

17. EXIT



SAVE AND EXIT	Save changed date and exit
EXIT WITHOUT SAVING	Exit without saving.
DEFAULT LOAD	Initialize default setting value.

Warranty

We guarantee all our products to be free of defects in workmanship and material for 365 days, unless otherwise specified, after sale to the customer.

We will replace or repair, at our option, providing there is no evidence of customer misuse, or alteration. Should we be unable to repair or replace the product within a reasonable amount of time, a refund of the purchase price less S & H charge will be made.

How to obtain factory service

1. Original purchaser must fill out a warranty card which is enclosed in the package, except some minor parts which may not have card, and mail it to the address noted on the card. (In case the warranty card is not included in the package, you should keep the original invoice.)
2. Pack the unit carefully and safely with the original packaging materials and send it prepaid by insured parcel post to the factory address noted on the warranty page of the USER'S INSTRUCTION or call for address.
3. If the unit is returned within the warranty period, please include a proof of purchase and a check of the amount described in the USER'S INSTRUCTION (or call for the amount) to cover the cost of return postage and handling. If the unit is out of warranty, an estimate of the repair cost and return postage and handling cost will be sent for advance approval.

Return Policy

We offer a 30 day money back guarantee. If you are not satisfied, merchandise can be returned within **thirty (30) days** of purchase for a full refund, excluding the shipping cost. Call us for instruction and **RMA** (Return Material Authorization) number. Please place this number on the **SHIPPING LABEL ONLY**. Much of the equipment that is sent back is new and in re-sellable condition. Anything written on the box compromises the new condition and may result in additional restock charges. Under no circumstances will returns be accepted if the original package is not maintained and if a copy of the invoice is not enclosed. This return policy will not apply to defects or damage resulting from; improper or inadequate maintenance or neglect by customer; customer-supplied parts; unauthorized modification or misuse; operation outside of the environmental specifications for the products; improper site preparation and maintenance; product which have been modified or incorporated into other products; use of other companies' parts or accessories, either new or remanufactured. This unit should be mailed back prepaid by insured parcel post to PelikanCam. In addition to less S & H Charges, some returns are subject to restocking fee at our discretion.

Legal Status of Products

It is the responsibility of the buyer to ascertain and comply with all applicable local, state and federal laws in regard to the profession and use of any items purchased. Consult an attorney regarding such laws before placing an order. Check your local state law for audio recording. By placing an order, the buyer represents that he or she is of legal age and agrees to use the product only in a lawful manner. We assume no liability associated with product usage.

By placing an order, the buyer signifies agreement to these terms. All information in this site, the description of products, products design and/or the terms are subject to change without prior notice.

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