



# Splitters 4, 9, 16 et 20 voies Full HD

Ces nouveaux appareils permettent d'afficher en mosaïque haute définition 1920 x 1080 de 4 à 20 images provenant de sources vidéo composite PAL.

Un quad standard (généralement limité à 4 sources) compresse chaque image afin de rendre la mosaïque de 4 images compatible avec les moniteurs vidéo standards.

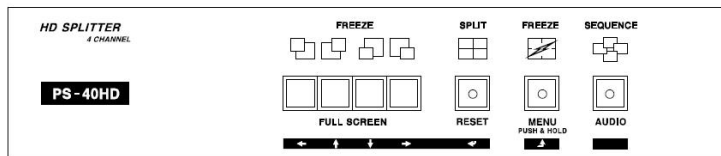
Avec le Quad **PS-40HD**, toutes les sources sont affichées en résolution native (D1) et cohabitent sans compression ni distorsion sur le même écran HD en 1980 x 1080 pixels.

On peut utiliser des moniteurs de PC type VGA ou des TV avec entrée HDMI

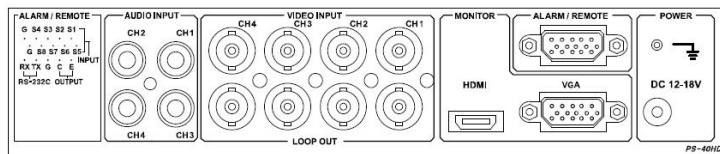
Quatre modèles composent la gamme :

4 voies (**PS-40HD**) , 9 voies (**PS-90HD**), 16 voies (**PS-160HD**) ou 20 voies (**PS-200HD**)

## Spécifications sur pages suivantes



**PS-40HD**



**PS-90HD**



**PS-160HD**

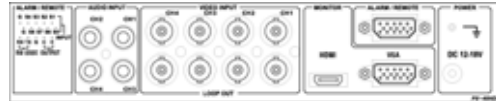
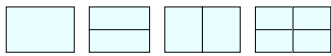


**PS-200HD**

# 4Channel HD Output Splitter

PS-40HD

**1920x1080**  
**Full HD Display**



Splitters are high-quality and high-stability products that have been developed and manufactured based on our long experience and know-how. PS-40HDs is an 4 Channel SD Video input to Full HD output Splitter which can connect up to 4 cameras to and showing the full real time with Audio level meter. digital technology makes a high-quality display available. Additional functions are buzzer, serial or parallel remote control, etc.

## FEATURES

- ◆ 4Ch. CVBS Input, 4Ch. Loop Output
- ◆ Various Window Split Mode (1,2,4)
- ◆ Built-In 3DNR High Quality Video Filter
- ◆ HDMI, VGA Monitor Output
- ◆ 1920X1080 Full HD Resolution
- ◆ External Video Input Support
- ◆ 4Ch. Audio Input and Level Display
- ◆ NTSC/PAL Compatible / Auto Detection
- ◆ On Screen Display- Title, Real Time Clock, Etc.
- ◆ RS-232C and Parallel Remote Control
- ◆ Alarm Function

## SPECIFICATION

PS-40HD

### Front Panel Function

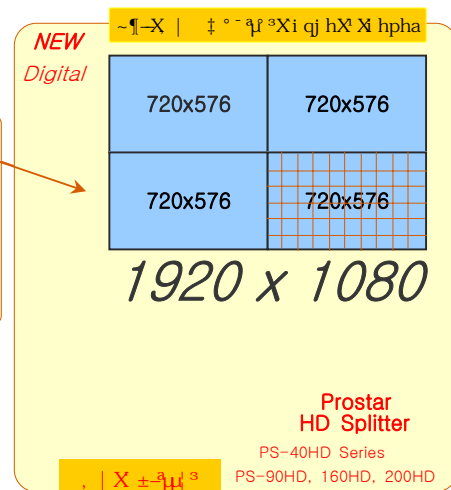
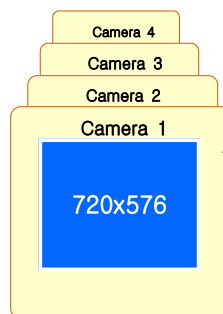
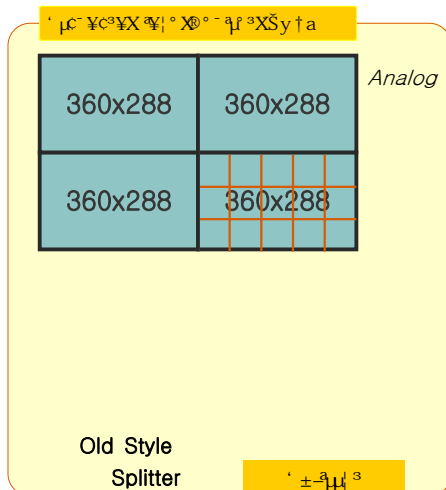
Division	BUTTON	Q'ty	Description
Camera Select	1,2,3,4	4	Full Screen Call-Up/ Cursor Move in Menu Programming
Display	SPLIT / Reset	2	Split Display Select / Reset Alarm
	Freeze/MENU	1	All Screen Freeze / Go to Menu Mode
	Sequence/AUDIO	1	Auto Sequence Select / Audio Level Display On/Off

### Rear Panel Connectors

Name	Q'ty	Type	Signal	Description	
Camera Input	4	BNC	CVBS	1Vpp @75 Ohm Load	
Loop Output	4	BNC	CVBS	Auto Switch Load On/.Off	
Monitor Output	HDMI VGA	1 1	HDMI DB15-3R	HDMI RGB,HS,VS	Main 0.7Vpp@75 Ohm Load
Remote Control	Serial Parallel	1	DB9-3R	RS-232C TTL Level	Same as Used Front Button function by Prostar Protocol
Power Jack	1	DC Jack	DC12-18V	Power Input Connector	
Earth Terminal	1	bolt	3P x 7mm	Electrical Earth Terminal	
Audio Input	4	RCA	Audio	100mV @10K Ohm load	

### Physical Specification

Division	Description
NTSC / PAL Resolution	NTSC 720x480 / PAL 720x576
Dimension	W 210mm x D 200(+10)mm x H 44mm
Weight	1.5Kg
Power input / Power Consumption	DC12V 0.29A / Less than 3.5 Watts
Operating Temperature	-10 C°~ +50 °C / 20~85 % RH



# 9Channel HD Splitter

PS-90HD

1920x1080  
Full HD Display



Splitters are high-quality and high-stability products that have been developed and manufactured based on our long experience and know-how. PS-90HD is an 9 Channel Full HD Splitter which can connect up to 9 cameras to and showing the full real time. digital technology makes a high-quality display available. Additional functions are buzzer, RS-232C remote control, motion detection, etc.



## FEATURES

- |                                       |   |
|---------------------------------------|---|
| 9Ch. CVBS Input, 9Ch. Loop Output     | NTSC/PAL Compatible / Auto Detection            |
| 1920X1080 Full HD Resolution          | Full Channel Real Time Display                  |
| DVI, HDMI, VGA Monitor Output         | Video Motion Detection Function                 |
| Various Window Split Mode (1,4,9)     | On Screen Display- Title, Real Time Clock, Etc. |
| 2 Spot Monitor Output                 | RS-232C Remote Control                          |
| Play-Back Support from another Inputs | 19" rack mountable                              |
| Low Power Consumption                 |   |

## SPECIFICATION

PS-90HD

### FRONT PANEL FUNCTION

Division	BUTTON	Q'ty	Description
Camera Select	1,2,3,4.....9	9	Full Screen Call-Up/ Cursor Move in Menu Programming
Display	SPLIT mode	2	Spilt Display Select
	Freeze	1	All Screen Freeze
	Sequence	1	Auto Sequence Select
	MENU	1	Go to Menu Mode

### REAR PANEL CONNECTORS

Name	Q'ty	Type	Signal	Description
Camera Input	9	BNC	CVBS	1Vpp @75 Ohm Load
Monitor Output	HDMI	HDMI	HDMI	Main 0.7Vpp@75 Ohm Load
	DVI	DVI	DVI	
	VGA	DB15-3R	RGB,HS,VS	
	Spot	BNC	CVBS	
Remote Control-Serial	1	DB9-2R	RS-232C	Same as Used Front Button function by Prostar Protocol
Power Jack	1	DC Jack	DC12-18V	Power Input Connector DC12/1A Adapter
Earth Terminal	1	bolt	3P x 7mm	Electrical Earth Terminal

### FUNCTIONAL SPECIFICATION

Division	Program Value	Description
Time/date	Asia-Euro-US Disp. ON/OFF	3 Way Display Mode. 24H. Display On/Off. 100Year Calender
Camera Title	12 Character Disp. ON/OFF	Easy Selectable Table (Alpha-Numeric & Spacial Symbol) Display On/Off
Auto Sequence Time	Off-99Sec	Individual Dwell Time, Split Mode Insertion, Selectable Video Loss Channel Auto Skipping Programmable Full/PIP Auto Sequence
Split Display Mode	3 Type	1,4,9 Split
Video Motion Detection		Programmable Motion Detection Area. sensitive, On/Off
SPOT	2 Type	Full / 4SPLIT 4OUT
DVI/VGA Resolution		1280X1024 / 1920X1080 Programmable

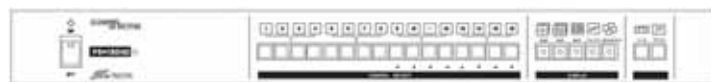
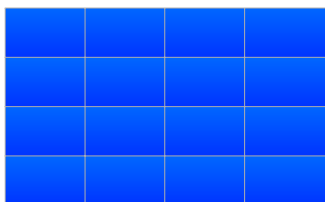
### Physical Specification

Division	Description
Dimension	W 430mm x D 250(+10)mm x H 44mm
Weight	About 3Kg
Power input / Power Consumption	DC12V 480mA Max. / Less than 6 Watts
OPERATING TEMPERATURE	-10°C +50°C / 20-85 % RH

# 16Channel HD Splitter

PS-160HD

1920x1080  
Full HD Display



Splitters are high-quality and high-stability products that have been developed and manufactured based on our long experience and know-how. PS-160HD is an 16 Channel Full HD Splitter which can connect up to 16 cameras to and showing the full real time. digital technology makes a high-quality display available. Additional functions are buzzer, RS-232 remote control, motion detection, etc.

## FEATURES

16Ch. CVBS Input, 16Ch. Loop Output  
1920X1080 Full HD Resolution  
DVI, HDMI, VGA Monitor Output  
Various Window Split Mode (1,4,9,16)  
4 Spot Monitor Output  
Play-Back Support from another Inputs  
Low Power Consumption

NTSC/PAL Compatible / Auto Detection  
Full Channel Real Time Display  
Video Motion Detection Function  
On Screen Display- Title, Real Time Clock, Etc.  
RS-232C Remote Control  
19" rack mountable

## SPECIFICATION

PS - 160HD

### FRONT PANEL FUNCTION

Division	BUTTON	Q'ty	Description
Camera Select	1,2,3,4.....16	16	Full Screen Call-Up/ Cursor Move in Menu Programming
Display	SPLIT mode	3	Spilt Display Select
	Freeze	1	All Screen Freeze
	Sequence	1	Auto Sequence Select
	MENU	1	Go to Menu Mode

### REAR PANEL CONNECTORS

Name	Q'ty	Type	Signal	Description
Camera Input	16	BNC	CVBS	1Vpp @75 Ohm Load
Monitor Output	HDMI	HDMI	HDMI	Main 0.7Vpp@75 Ohm Load
	DVI	DVI	DVI	
	VGA	DB15-3R	RGB,HS,VS	
	Spot	BNC	CVBS	
Remote Control-Serial	1	DB9-2R	RS-232C	Same as Used Front Button function by Prostar Protocol
Power Jack	1	DC Jack	DC12-18V	Power Input Connector DC12/1A Adapter
Earth Terminal	1	bolt	3P x 7mm	Electrical Earth Terminal

### FUNCTIONAL SPECIFICATION

Division	Program Value	Description
Time/date	Asia-Euro-US Disp. ON/OFF	3 Way Display Mode. 24H. Display On/Off. 100Year Calender
Camera Title	12 Character Disp. ON/OFF	Easy Selectable Table (Alpha-Numeric & Spacial Symbol) Display On/Off
Auto Sequence Time	Off-99Sec	Individual Dwell Time, Split Mode Insertion, Selectable Video Loss Channel Auto Skipping Programmable Full/PIP Auto Sequence
Split Display Mode	5 Type	1,4,9,16 Split
Video Motion Detection		Programmable Motion Detection Area. sensitive, ON/Off
SPOT	2 Type	Full/4SPLIT 4OUT
DVI/VGA Resolution		1280X1024/ 1920X1080 Programmable

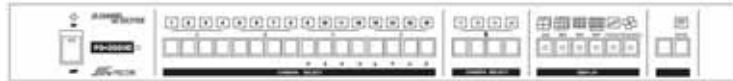
### Physical Specification

Division	Description
Dimension	W 430mm x D 250(+10)mm x H 44mm
Weight	3Kg
Power input / Power Consumption	DC12V 480mA Max. / Less than 6 Watts
OPERATING TEMPERATURE	-10 C° - +50 °C / 20-85 % RH

# 20Channel HD Splitter

PS-200HD

1920x1080  
Full HD Display



Splitters are high-quality and high-stability products that have been developed and manufactured based on our long experience and know-how. PS-200HD is an 20 Channel Full HD Splitter which can connect up to 20 cameras to and showing the full real time. digital technology makes a high-quality display available. Additional functions are buzzer, RS-232 remote control, motion detection, etc.

## FEATURES

20Ch. CVBS Input, 16Ch. Loop Output  
1920X1080 Full HD Resolution  
DVI, HDMI, VGA Monitor Output  
Various Window Split Mode (1,4,9,16,20)  
4 Spot Monitor Output  
Play-Back Support from another Inputs  
Low Power Consumption

NTSC/PAL Compatible / Auto Detection  
Full Channel Real Time Display  
Video Motion Detection Function  
On Screen Display- Title, Real Time Clock, Etc.  
RS-232C Remote Control  
19" rack mountable

## SPECIFICATION

PS - 200HD

### FRONT PANEL FUNCTION

Division	BUTTON	Q'ty	Description
Camera Select	1,2,3,4.....20	20	Full Screen Call-Up/ Cursor Move in Menu Programming
Display	SPLIT mode	4	Spilt Display Select
	Freeze	1	All Screen Freeze
	Sequence	1	Auto Sequence Select
	MENU	1	Go to Menu Mode

### REAR PANEL CONNECTORS

Name	Q'ty	Type	Signal	Description
Camera Input	20	BNC	CVBS	1Vpp @75 Ohm Load
Monitor Output	HDMI	HDMI	HDMI	Main 0.7Vpp@75 Ohm Load
	DVI	DVI	DVI	
	VGA	DB15-3R	RGB,HS,VS	
	Spot	BNC	CVBS	
Remote Control-Serial	1	DB9-2R	RS-232C	Same as Used Front Button function by Prostar Protocol
Power Jack	1	DC Jack	DC12- 18V	Power Input Connector DC12/1A Adapter
Earth Terminal	1	bolt	3P x 7mm	Electrical Earth Terminal

### FUNCTIONAL SPECIFICATION

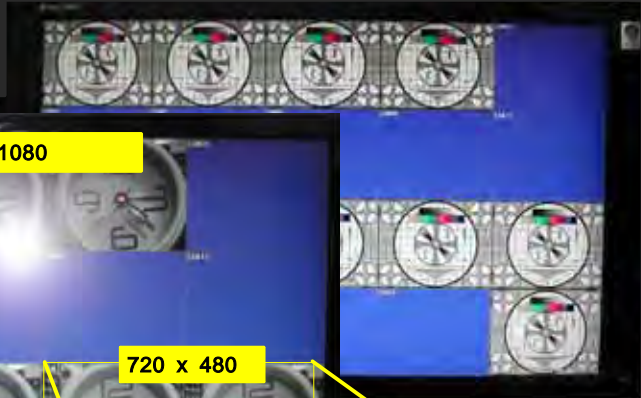
Division	Program Value	Description
Time/date	Asia-Euro-US Disp. ON/OFF	3 Way Display Mode. 24H. Display On/Off. 100Year Calender
Camera Title	12 Character Disp. ON/OFF	Easy Selectable Table (Alpha-Numeric &Spacial Symbol) Display On/Off
Auto Sequence Time	Off-99Sec	Individual Dwell Time, Split Mode Insertion, Selectable Video Loss Channel Auto Skipping Programmable Full/PIP Auto Sequence
Split Display Mode	5 Type	1,4,9,16,20 Split
Video Motion Detection		Programmable Motion Detection Area. sensitive, ON/Off
SPOT	2 Type	Full/4SPLIT 4OUT
DVI/VGA Resolution		Min:1280X1024 MAX:1920X1080

### Physical Specification

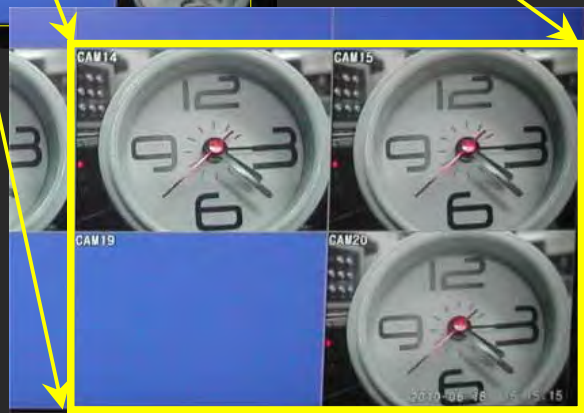
Division	Description
Dimension	W 300mm x D 250(+10)mm x H 44mm
Weight	3Kg
Power input / Power Consumption	DC12V 480mA Max. / Less than 6 Watts
OPERATING TEMPERATURE	-10 C° - +50 °C / 20-85 % RH

# PS-90HD, 160HD,200HD

9,16,20Channel SD to HD Splitter



## Application



Full HD Splitter Relate Products :  
4Channel : PS-40HD  
16Channel : PS-160HD  
20Channel : PS-200HD



## Resolution

