

[BSV12/BSV12R]

# BRAST Security Vision Unit(IP compatible product)

Counterterror and Security for critical infrastructure such power plant and airport.  
False alarms and missing alarms are extraordinary decreased by employment of 3D image processing.



Outline photo:BSV12(DIN rail model)



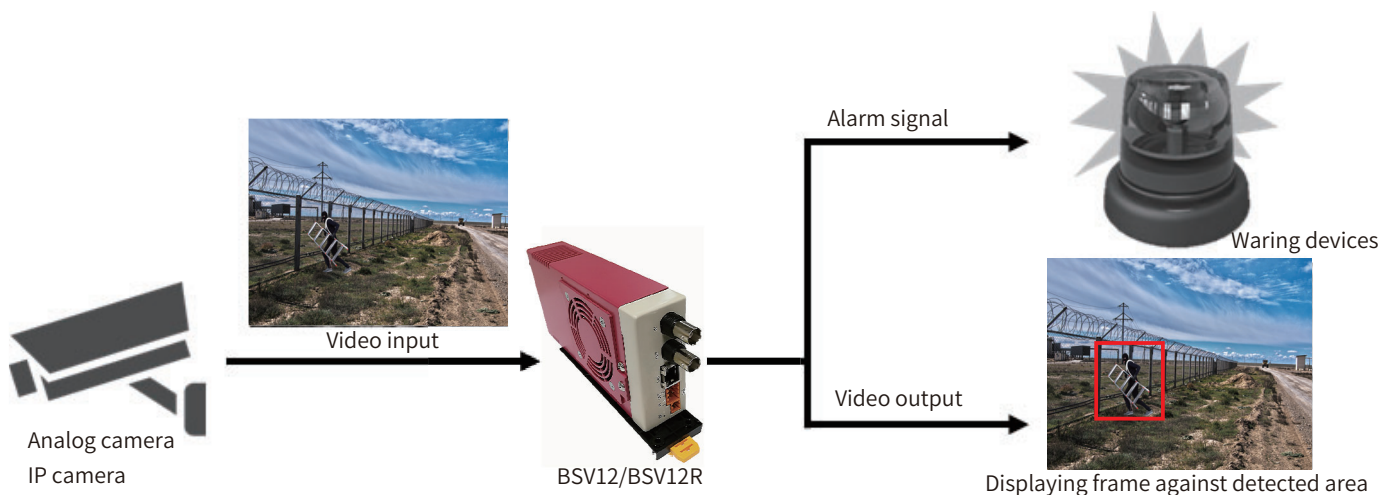
BSV12/BSV12R, BRAST Security Vision Unit is to detect intruder by analyzing video of analog camera and IP camera in real time.

This unit makes output of alarm signal as well as detection video incase of intrusion.

## <Advantages and features of the product>

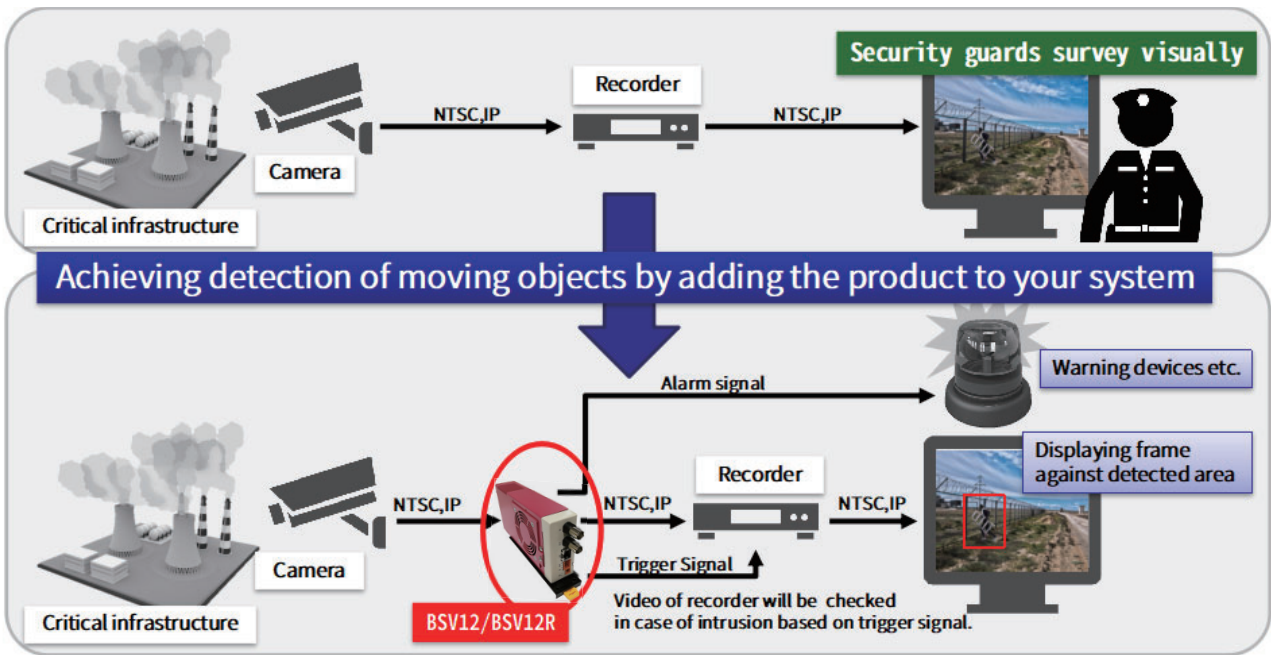
- 1 Easy additional installation of detection of moving objects**  
Achieving detection of moving objects by adding the product to your system.
- 2 Extraordinary less false alarm and missing alarm**  
Achieving extraordinary reduction of false alarm and missing alarm by 3D image processing.
- 3 Made in Japan**  
All made in Japan by Japanese design,full support and maintenance.
- 4 Adapted to various video input**  
Adapted to video of analog camera and IP camera,complete cyber security measures.

## System structure



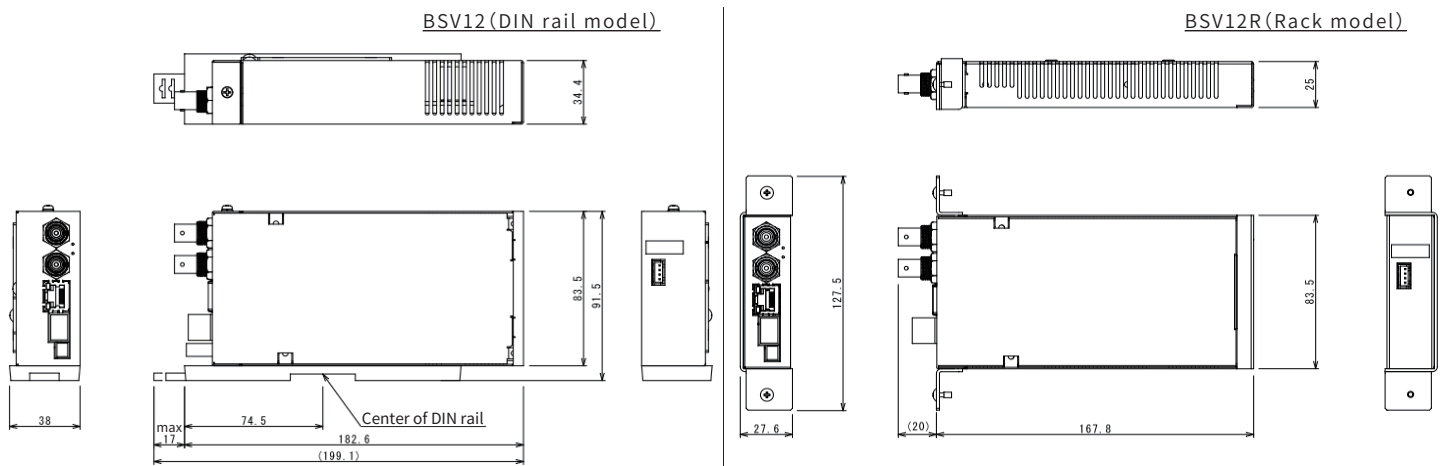
※ The product is jointly developed by 「Time and space MRF model」, tracking technology researched by Kamiyo Lab. of Institute of Industrial Science, Tokyo University and original application technology of PAL Inc. which is according to needs of surveillance of intruder.

## Example of monitoring



## Outline drawing

● Outline drawing/Scale (unit:mm)



## Specification

Model	BSV12 (DIN rail model) BSV12R (Rack model)
Video	
Analog input/output	Resolution : 720×480 Frame rate : 10fps
Streaming input	IP video streaming : H.264 Resolution : Max 720×480 Frame rate : 9fps Protocol : RTP/RTSP
Digital video output	IP video streaming : H.264, MJPEG Resolution : 780×480 Frame rate : According to input rate Stream delivery : max 10 streams Protocol : RTP/RTSP, RTP/RTSP over HTTP
Network	Security : HTTPS, Password protection, IEEE802.1X(EAP-TLS, PEAP) Protocol : HTTPS, SSH, Sntp, TCP/IP, UDP/IP, IEEE802.1X

※The products listed in this catalog are not guaranteed against accidents caused by theft, personal injury, natural disasters, environmental destruction, improper use of equipment, lack of maintenance and inspection, natural disasters (including induced lightning surges), etc.

※The specification may change without notice.

General	
Camera input	NTSC×1, IP×1
Output image	NTSC×1, IP×1
I/F	LAN×1, Alarm output×2, Inspection output×1, Monitoring ON/OFF external input×1
External dimensions	BSV12 : 38.0mm(W)×91.5mm(H)×199.1mm(D) (the body, includes DIN rail mounting bracket) BSV12R : 27.6mm(W)×127.5mm(H)×187.8mm(D) (the body, includes rack mounting attachment)
Weight	BSV12 : 590g , BSV12R : 540g
Power supply	DC10~26V
Consumption power	BSV12 : 18W(Max) , BSV12R : 17W(Max)
Operating ambient temperature	0~60°C(No freezing and condensation)
Storage ambient temperature	-20~60°C(No freezing and condensation)
Operating humidity limits	20~90%RH(No freezing and condensation)
Attachment options	Storage rack BV-RKA (AC power supply model) BV-RKD (DC power supply model)