

**SG-PTZ2035N-6T25(T)****640x512 12μm Thermal and 2MP 35x Zoom Visible Bi-spectrum PTZ Dome Camera**

- Thermal: 12μm 640×512
- Thermal lens: 25mm athermalized lens
- Visible: 1/2" 2MP CMOS
- Visible lens: 6~210mm, 35x optical zoom
- Support tripwire/intrusion/abandon detection
- Support up to 9 color palettes
- 1/1 alarm in/out, 1/1 audio in/out
- Micro SD Card, IP66
- Support Fire Detect

**Specification**

Model Number	SG-PTD2035N-6T25	SG-PTD2035N-6T25T
Thermal Module		
Detector Type	VOx, uncooled FPA detectors	
Max Resolution	640x512	
Pixel Pitch	12μm	
Spectral Range	8~14μm	
NETD	≤40mk (@25°C, F#1.0, 25Hz)	
Focal Length	25mm	
Field of View	17.5°×14°(W~T)	
F#	F1.0	
Focus	Free focus	
Color Palette	9 modes selectable such as Whitehot, Blackhot, Iron, Rainbow.	
Optical Module		
Image Sensor	1/2" 2MP CMOS	
Resolution	1920×1080	
Focal Length	6~210mm, 35x optical zoom	
F#	F1.5~F4.8	
Focus Mode	Auto / Manual / One-shot auto	
FOV	Horizontal: 61.9°~1.9°	
Min. Illumination	Color: 0.001Lux/F1.4, B/W: 0.0001Lux/F1.4	
WDR	Support	
Day/Night	Manual/Auto	
Noise Reduction	3D NR	

Network		
Network Protocols		TCP, UDP, ICMP, RTP, RTSP, DHCP, PPPOE, UPNP, DDNS, ONVIF, 802.1x, FTP
Interoperability		ONVIF, SDK
Simultaneous Live View		Up to 20 channels
User Management		Up to 20 users, 3 levels: Administrator, Operator and User
Browser		IE8+, multiple languages
Video & Audio		
Main Stream	Visual	50Hz: 25fps (1920×1080, 1280×720) 60Hz: 30fps (1920×1080, 1280×720)
	Thermal	50Hz: 25fps (1280×1024, 704×576) 60Hz: 30fps (1280×1024, 704×480)
Sub Stream	Visual	50Hz: 25fps (1920×1080, 1280×720, 704×576) 60Hz: 30fps (1920×1080, 1280×720, 704×480)
	Thermal	50Hz: 25fps (704×576) 60Hz: 30fps (704×480)
Video Compression		H.264/H.265/MJPEG
Audio Compression		G.711A/G.711Mu/PCM/AAC/MPEG2-Layer2
Picture Compression		JPEG
Temperature Measurement		
Temperature Range		N/A Low-T mode: -20°C~150°C, High-T mode: 0°C~550°C
Temperature Accuracy		N/A ±3°C/±3% with max. Value
Temperature Rule		N/A Support global, point, line, area and other temperature measurement rules to linkage alarm
Smart Features		
Fire Detection		Yes
Zoom Linkage		Yes
Smart Record		Alarm trigger recording, disconnection trigger recording (continue transmission after connection)
Smart Alarm		Support alarm trigger of network disconnection, IP address conflict, full memory, memory error, illegal access and abnormal detection
Smart Detection		Support smart video analysis such as line intrusion, cross-border, and region intrusion
Alarm Linkage		Recording/Capture/Sending mail/PTZ linkage/Alarm output
PTZ		
Pan Range		Pan: 360° Continuous Rotate
Pan Speed		Configurable, 0.1°~150°/s
Tilt Range		Tilt: -5°~+90°
Tilt Speed		Configurable, 0.1°~80°/s
Preset Accuracy		±0.1°
Presets		300
Tour		8

Scan	5
Fan/Heater	Support/Auto
Speed Setup	Speed adaptation to focal length
<b>Interface</b>	
Network Interface	1 RJ45, 10M/100M Self-adaptive Ethernet interface
Audio	1 in, 1 out
Alarm In	1 channel
Alarm Out	1 channel
Storage	Support Micro SD card (Max. 256G)
RS485	1, support Pelco-D protocol
<b>General</b>	
Operating Conditions	-30°C~+60°C, <90% RH
Protection Level	IP66, TVS6000
Power Supply	AV 24V
Power Consumption	Static power: 30W, Sports power: 40W (Heater ON)
Dimensions	Φ260mm×400mm
Weight	Approx. 8kg

## DRI Distance

Target: Human size is 1.8m×0.5m (Critical size is 0.75m), Vehicle size is 1.4m×4.0m (Critical size is 2.3m).  
The target detection, recognition and identification distances are calculated according to Johnson's Criteria.

The recommended distances of Detection, Recognition and Identification are as follows:

Lens	Detect		Recognize		Identify	
	Vehicle	Human	Vehicle	Human	Vehicle	Human
25mm	3194m (10479ft)	1042m (3419ft)	799m (2621ft)	260m (853ft)	399m (1309ft)	130m (427ft)

## Dimension

### Hangzhou Savgood Technology Co., Ltd.

Rm. 701, Xincheng Fazhan Building #1, No. 406 Xintiandi Street,  
Xiacheng District, Hangzhou City, 310004, China  
Tel: +86 - (571) 8803 8121  
Email: sales@savgood.com  
<http://www.savgoodtech.com>  
<http://www.savgood.com>

\*Design and specifications are subject to change without prior notification.  
© 2013 Savgood Technology Co., Ltd.