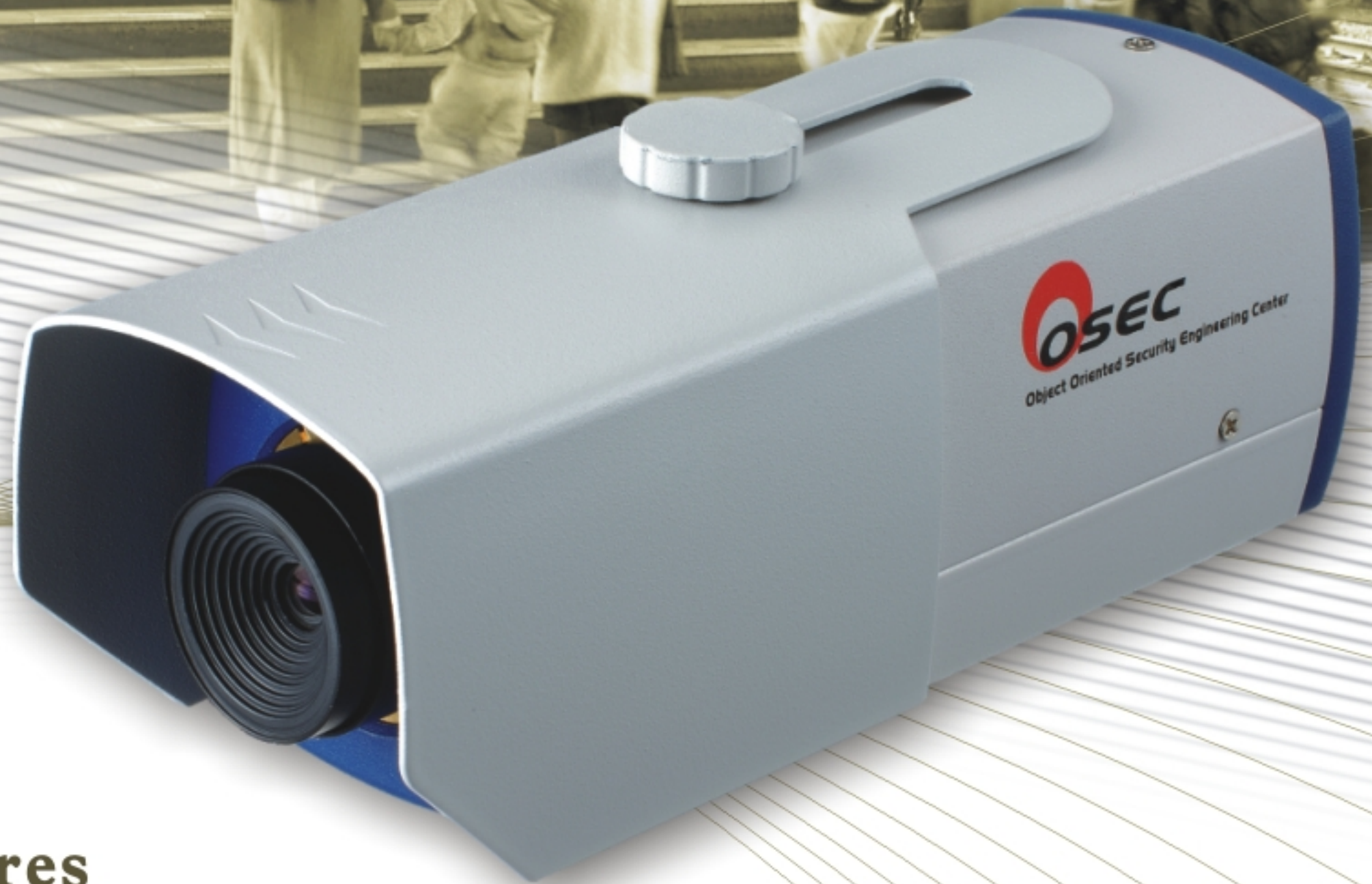# OSEC
Object Oriented Security Engineering

Intelligent Video Techniques with MPEG4 IP Surveillance Solution

Best-buy solution for Home Nursing, Day-care, and video conference over IP surveillance with 2-way audio.

Features

- Real-time Intelligent Video Content Analysis/Identification Techniques
- MPEG4 High Quality Video Compression
- Two-way Audio Communication
- Up to 25/30 Frame-per-second with CIF Resolution
- Sharp Sony CCD Video Images (IR option)
- Instant IE Remote Monitoring
- Free 9-port User-friendly Recording Software
- Embedded Motion Detection
- DC Power Output
- DI/DO Device Integration for Better Protection
- Support Pan-tilt-zoom or Speed Dome Camera

OSEC — Specifications of Firmware / Software

General

Camera Accommodation	Up to 9 cameras (can select more than 200 cameras in the same subnet) real-time recording & monitoring
Video Compression	MPEG4 Simple Profile
Frame Per Second	NTSC: 1-30 ; PAL: 1- 25
Max. Resolution	NTSC: 352*240/320*240
	PAL: 352*288/320*240
DI / DO	DI/DO integration ; Forced DO signal off
	DI triggered recording and e-mail alarm message
Snapshot	Surveillance/Playback
Pan-tilt-zoom	RS-485
Motion Detection	Support

Audio

2-way ADPCM surveillance/communication; audio-in recording

Video Identification Technique (Remark 1)

Object Add/Remove	Detect unwanted object (e.g. bag) drop on the scene and alarm ; Detect protected object been picked
Visitor Counting	Detect and calculate visitors in & out simultaneously
Car/Human Being Flow Counting	System detects vehicle flow & human beings flow individually by identifying its shape, color, and speed odometer simultaneously.
Human Shape Identifications	System sends alarm message while only detecting shape of human body and omits non human body moving objects.

Recording

Mode	Multi mode scheduling, event triggered (schedule available) recording

Playback

Based on camera, date, time, or event type

Snapshot during playback; loop video playback

Video & voice playback simultaneously

Auto Recorded Images Backup

Save-path and date selection

OSE-201N/P

Specifications	201-NTSC	201-PAL
Image Sensor	1/4" CCD Image Sensor	
CCD Pixel	542(H)*496(V)	542(H)*586(V)
Sync Lock	Internal	
Min. Illumination	0.5 Lux @F1.2	
Resolution	380 TV Lines	
S/R Ratio	52dB(Min.)/60dB (Typical) AGC off	
Whit Balance	AWB/ATW/Fix (zero color rolling)	
Auto Iris	AES	
Electronic Shutter	1/60 - 1/120,000 sec.	1/50 - 120,000 sec.
Video Output	1.0V p-p composite video at 75 ohm	
Gamma Correction	0.45	
Gain Control	AGC	

* Remark 1: Some features of software are optional.
* Remark 2: Specifications are subject to modify without notification

Manufacturer: Twsafe Inc.,
Tel: 886-4-2292-4477   Fax: 886-4-2292-3947

■ For Service: http://www.oosec.com
■ Email: marketing@twsafe.net

FC CE