

# SE Series



SE400



SE1000

## ScopusEye's Video Gateways a Family of Advanced DVRs

Simultaneously support up to sixteen video cameras through 2.5G/3G cellular, ethernet and phone networks providing high quality, live and recorded video streaming to control centres, PCs, mobile phones and PDAs

The SE series provides:

- Simultaneous inputs from up to 16 cameras
- Remote PTZ camera control
- 6 input sensors (Dry contact), Two activators
- Simultaneous video recording and playback on all channels
- Efficient recording - provides recording capacity of 400 "camera days" (dependent on availability of hard disk capacity)
- Event driven recording including Pre and Post alarm
- Notification via SMS or e-mail
- Dual architecture: Local high video quality and real-time transcoding for best quality remote video monitoring on handheld terminals
- Video transmission:
  - Using any land line, including xDSL, Cable Modem, T1 etc.
  - Dial up including analog and ISDN modems
  - Any wireless data network, including GPRS/EDGE/UMTS, CDMA 1X or EV-DO and WIFI
- Video Monitoring:
  - Using PCs over any land line and wireless networks
  - Using mobile terminals like cell phones and PDAs, over all available cellular and wireless networks
- Flexible bit rate, adjusts to the users needs and restraints, supporting both narrow and wide band networks (9 kbps to 1 Mbps, 5-30 fps live)
- Complete encryption of the transmitted video stream prevents possible interception
- Video motion detection with user defined filters for regions of interest

**Models:**

- SE-400: 4, 8, 12, 16 video channels
- SE-400-P: includes a PSTN (analog) modem.
- SE-400-M: Includes PCMCIA slot for wireless applications
- SE-400+: 4 or 8 video channels with more fps
- SE-1000: 4, 8, 12 or 16 channels. Modular and field upgradeable



# SE Series

<b>SE SERIES TECHNICAL SPECIFICATION</b>	
MODELS	SE400, - SE400-P, SE400-M SE400-8, SE400-12, SE400-16, SE-1000, SE 8-1000
<b>VIDEO INPUT</b>	
Standard	PAL/NTSC/SECAM, composite video, (BNC connector)
No. of video channels	4 (SE-400) 8 (SE400-8) 16 (SE-1000)
Resolution	Triple resolution: 320x240 (SIF), 160x120 (QSIF), or 640x480 (VGA)
Compression	MPEG - 4 based
Compressed data rates	9 kbps to 1 Mbps
Encryption	SSL/TLS protocols for data encryption
PTZ control	2 ports; 1 RS-232, 1 RS-232/RS-485
PTZ Protocol	Most common protocols including Pelco D, Mintron, D-Max, AHE Speed, Lilin with others on demand
<b>COMMUNICATION</b>	
Network connectivity	Cable/xDSL modem using built-in 10/100 Base-T Ethernet Optional: PSTN (phone) modem (SE400-P) Optional: PCMCIA slot for cellular/wireless modems (SE400-M)
Concurrent users	15
Maintenance	Built-in web server for administration
<b>RECORDING</b>	
Mode	Continuous, event-driven
HD type	Internal
HD size - SE400	3.5 inch: 80GB, up to 500GB (optional)
HD size - SE1000	3.5inch: 250GB, up to 500GB (optional)
<b>EVENT HANDLING</b>	
Event type	External alarm, video motion detection, video loss
<b>I/O</b>	
Input channels	6 Opto-isolated inputs
Output channels	2 Opto-isolated activators
<b>POWER</b>	
Voltage for SE400/1000	110/220V AC
Optional P/S for SE400-M	12V DC
Max. power consumption	60W - SE400; 170W - SE1000
<b>OPERATING ENVIRONMENT</b>	
Ambient temperature	5<C - 50<C; 41<F - 122<F
Relative humidity	≤ 85% (no condensation)
<b>MECHANICAL DESIGN</b>	
Dimension SE400	90.5(W) x 240(D) x 206(H) mm; 3.56" (W) x 9.44"(D) x 8.11"(H)
Dimension SE1000	482.6 (W) x 495.1(D) x 88.6 (H) mm; 19"(W) x 19.5"(D) x 3.5"(H)
Weight SE400	4.0 (kg); 8.81 (lbs)
Weight SE1000	12.5 (kg); 27.5 (lbs)