

## Normal Resolution Cameras Feature Intensifier™ Technology & Network/Composite Video Outputs

### Weatherproof Bullet

(IP-66 rating)



**SIPB1FFi**

3.7-10mm FOCUS FREE Lens

### Tamper/Weatherproof Dome

(IP-67 rating)



**SIPD3FFi**

3.7-10mm FOCUS FREE Lens

### Main Features

- Compatible with major third party software suites such as Milestone Systems™ and ONSSI™
- All SIP Series cameras include advanced NVR software at no extra charge
- 2-way audio
- Works with Speco Hybrid DVRs as well as other major manufacturers
- Adjustable bandwidth for all networks & infrastructures
- Changeable/Selectable Ports allow 1 IP address to handle multiple cameras
- Support of Dynamic and Static IP addresses
- Analog composite video output for local viewing
- **5 year warranty**

### Camera Specifications

Image Sensor	1/3" Sony™ Super-HAD CCD ~ 410K
Horizontal Resolution	540 TV Lines
Total Pixels	811 x 508 (NTSC)
Effective Pixels	768 x 494 (NTSC)
Electric Shutter	1/60 ~ 1/200,000 sec. (NTSC)
Min. Scene Illumination	0.002 Lux (Intensifier™), 0.3 Lux (Shutter)
Scanning System	2:1 Interlaced 525 Lines / 60 Fields / 30
Synchronization	Internal
S/N Ratio	50dB (Weight On)
OSD (On Screen Display)	Built-in
White Balance	ATW / AWC / Manual
SLC (Speco Light Compensation)	Off / Low / Middle / High
AGC	Off / Low / Middle / High
Dynamic Noise Reduction (DNR)	Off / Low / Middle / High
Intensifier™	Built-in (selectable Limit ~ X128)
	Off / Low / Middle / High
Color	Auto (Auto Day/Night) / On
Motion Detection	Off / On
Privacy	Off / On (4 Programable Zones)
Video output	1.0V [p-p] NTSC Composite, 75Ω / BNC
Power Source	12V DC 300mA (SIPSD10X is 1 Amp)
	PoE: IEEE802.3af (except on SIPSD10X & SIPSD37X)
Operational Temperature	-14° F ~ 122° F
Operational Humidity	30% ~90% RH
Dimensions	2.52" W x 2.18" H x 4.72" D
Weight	1.5 lbs.

### NVR V2.2 SP3 Software Features

- Support for multiple site surveillance
  - Manage up to 64 cameras
  - Support 1, 4, 6, 8, 9, 10, 16, 25, 36, 49, 64 window layout
  - Support Megapixel format
  - Multiple-channel live view in full-screen mode
  - Support different frame rate on live view and recording
  - Digital zoom on live view and playback
  - Continuous, Schedule, Motion, Alarm Recording
  - Support motion detection and Digital I/O event from hardware
  - Maximum 30 seconds pre-event recording
  - Search video clips by date, time and event
  - Time-based search bar
  - 4-channel synchronized playback
  - eMap Manager
- (Not compatible with 64 bit operating systems)*

### Network Specifications

Video Compression	MPEG-4
Resolution	Full D1 (720 x 480 in NTSC) VGA (640 x 480 in NTSC) CIF (352 x 240 in NTSC) QCIF (176 x 120 in NTSC)
Bit Rate	28 K ~ 3 M bps
Image Frame Rate	30 fps at full D1 resolution (NTSC)
Audio Input Compression	8kHz, Mono, PCM
Audio Line Input	Unbalanced, 1.4 Vp-p 1Vrms, terminal Block
Audio Output Compression	8kHz, Mono, PCM
Audio Line Output	Unbalanced, 1.4 Vp-p 1Vrms, terminal Block
External I/O Reset Button	Factory default
External I/O Joystick	OSD Control
Network	Ethernet (10/100 Base-T), RJ-45 connector
Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP
Operating Systems	Windows® XP SP3, Windows® 2003 (Enterprise SP2 and Standard SP2), Windows® Vista (Business, Enterprise and Ultimate Editions), Windows® 2008 (Enterprise and Standard), Windows® 7 Professional, Windows® 7 Professional (x64)
Web Browser	Microsoft Internet Explorer® 7.0 or above
Password Protection	Configured by administrator

Speco Technologies is constantly developing product improvements.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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