



## S60 Digital Surveillance Management System Specification Sheet

**NEW!** Hybrid Ready

	S60D250A	S60D500A
<b>Hard Drive Configurations:</b>	250GB	500GB
<b>Estimated Archive Capacity*(Days):</b>	80	160
<b>Video/Audio Channels:</b> 8/1+ Two-way Audio		
<b>Record Rate @ CIF,2CIF, 4CIF:</b> 60, 60, 60		
<b>Inputs/Relay:</b> 4/4+PTZ		

The New DIGIOP G3 S60 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level eight-camera system. The S60 is shipped with integrated POS Software which can be easily unlocked via software key to create the perfect loss prevention solution.

The G3 S60 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 3 months of DVD quality video. As with the entire DIGIOP G3 platform, the S60 is easy-to-install, use, and maintain.

Included with each G3 S60 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S60 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

### Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Open Platform with Full featured API for easy 3rd party integration

### Proven Reliability & Quality

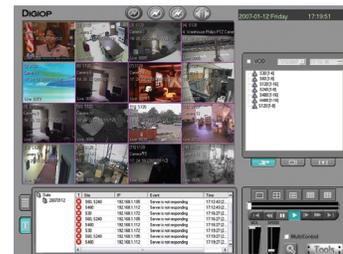
- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

### Consistent Availability

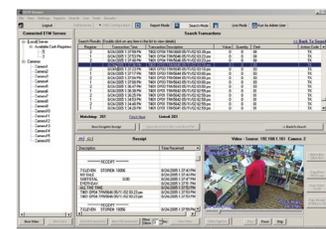
- NEW! The DIGIOP G3 Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery, if necessary

### Value

- The new DIGIOP G3 series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP G3 surveillance system can be found to meet the needs of not only the smallest installations but also the most complex
- The new DIGIOP G3 series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create the new standard in the surveillance industry



**DIGIOP Remote Manager (Included)**



**DIGIOP POS Transaction Manager (Optional)**



Global Surveillance Management Solutions

[www.digiop.com](http://www.digiop.com)

\*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras used, scene complexity, and image quality settings.

## SPECIFICATIONS

# S60

**Description:** The DIGIOP S60 DVR is an 8-channel Video and 1-channel Audio IP-networked digital video recorder which records up to 60 frames-per-second. It is designed for small camera installations which do not require real-time recording. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

**Video Recording:** Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 FPS per camera. Max Resolution 704x576

**NTSC:** 60 ips across 8 inputs (7.5 ips per camera) @ CIF & 2 CIF, 40 FPS @ 4 CIF

**PAL:** 50 ips across 8 inputs (6.25 ips per camera) @ CIF & 2 CIF, 30 FPS @ 4 CIF

**Playback:** Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format easy export to network, DVD/CD/USB

**Audio Channels:** 1 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality 6.3 kbps bitrate, MP3 FM & AM quality. Live remote audio monitor

**Analog Monitor Out:** RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled/overridden by time/VMD/alarm input, remote control. All inputs support 75ohm/hi-Z switch for loop through capability

**Alarms/ Relays:** 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, TCP/IP sensor activation, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation

**Data & Peripheral Connectivity:** Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 1 VGA out, 1 speakers/line-out, 1 headphone (front)

**Network Interface:** Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

**Recording Modes:** Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

**Video Streaming:** Advanced conrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

**Video Storage:** 2 high capacity HDDs. 250–750 GB storage. SMART III. 3.0 Gbs, 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

**Audit/Event Log:** Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

**Fault Tolerant Systems:** Auto HDD recovery – system automatically re-images after improper shutdown or error detected, software and hardware watchdogs, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

**Server App, OS, API & Integration:** DIGIOP Series 6 server & remote software suite, XP Embedded OS, full DIGIOP API compatibility and DIGIOP E-Class, N-Class, E-Class, M-Class interoperability, DTM/POS capable

**IT Platform:** Customized Dell Optiplex 745, 3.06 Ghz Intel Celeron Processor, 512 MB RAM

**Dimensions (HxWxD):** 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

**Weight:** 23 lb. (10.4 kg) depending on options installed

**Operating Temperatures:** 10° to 95° F (10° - 35° C)

**Safety & Certifications:** TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO,TUV, UL, VCCI, USB 2.0, WEEE

**Power Supply:** 280 W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals), manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60 Hz



Global Surveillance Management Solutions

General Solutions, Ltd. 5902 Sovereign Dr., Houston, TX 77036 Toll Free (800) 968-3606 Phone (713) 333-4900 Fax (713) 333-4925  
© 2007 General Solutions, Ltd. DIGIOP is a registered trademark of General Solutions, Ltd. All rights reserved.  
All Information subject to change without notice. Intel, Dell, and others are trademarks and are property of their respective owners.

[www.digiop.com](http://www.digiop.com)

S60\_5.4.07