

DIGIOP G3 Series

S120



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
- Advanced Dual Core micro-architecture with abundant processing power for future expandability
- Open Platform with Full featured API for easy 3rd party integration
- Hybrid Ready

S120 Digital Surveillance Management System Specification Sheet

NEW! 16 Channel Hybrid Ready

	S120D250B	S120D500B	S120D750B
Hard Drive Configurations:	250GB	500GB	750GB
Estimated Archive Capacity*(Days):	40	80	120
Video/Audio Channels: 16/5+ Two-way Audio			
Record Rate @ CIF,2CIF, 4CIF: 120, 120, 120			
Inputs/Relay: 4/4+PTZ			

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

Constant 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

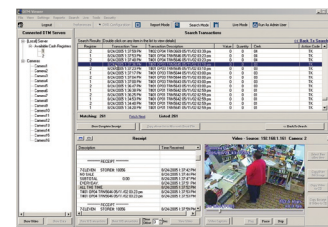
The New DIGIOP G3 S120 DVR has been specifically designed as a complete surveillance management solution for retail stores, restaurants, schools, banks, and corporate facilities or similar locations that require a full featured sixteen-camera system. The S120 is shipped with integrated POS Software which can be easily unlocked via software key to create the perfect loss prevention solution.

The G3 S120 delivers key functionality and state-of-the-art capabilities in a compact desktop chassis as shown above with a powerful Intel multi-core processor. It can be configured to provide more than 2 months of DVD quality video. As with the entire DIGIOP G3 platform, it can seamlessly integrate with other systems. The S120 is easy-to-install, use, and maintain.

Included with each G3 S120 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S120 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.



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)



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*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

S120

Description: The DIGIOP S120 DVR is a 16-channel video and 5-channel audio IP-networked digital video recorder which records up to 120 frames-per-second . It is designed for mid sized camera installations which require near real-time recording and up to 5 audio channels. 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 drive 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: 120 fps across 16 inputs (7.5 ips per camera) @ CIF & 2 CIF, 120 FPS @ 4 CIF

PAL: 100 fps across 16 inputs (6.25 ips per camera) @ CIF & 2 CIF, and 60 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: 5 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality 6.3 kbps bit rate, or higher quality row compression. 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 75 ohm/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 concrypted (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: 1 high capacity HDD. 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 & multi-site remote management software suite, Hybrid Series 7 software upgradeable, built in web server, XP Embedded OS, full DIGIOP API compatibility and DIGIOP E-Class, N-Class, E-Class, M-Class interoperability, DTM/POS capable

IT Platform: 2.8 Ghz Intel Pentium D, 512 MB RAM

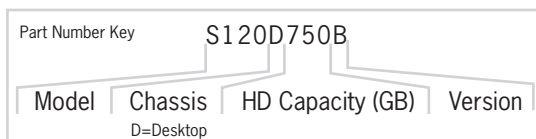
Dimensions (HxWxD): 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

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: 305W, 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



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