



MOTOROLA
intelligence everywhere™

Intelligent CCTV Cameras and Systems for Surveillance Applications



SV-1200 Wireless Integrated Surveillance System

The SV-1200 provides a comprehensive, integrated and IP-based wired/wireless digital multimedia solution for security/surveillance. It can seamlessly integrate digital multimedia with wireless and wired technology. Encryption & Authentication are available for the multimedia stored files. All Video, Audio, & Data are integrated into network data transmissions which allows multiple control/management centers to be involved.

Intelligent Algorithms and Key Features:

- Robust Motion Detection
- Motion Direction Detection
- Object Tracking
- Object Matching
- Audio/Video streaming over IP networks
- JPEG still image compression
- Wireless Capability (802.11b)
- Local storage in QuickTime format
- Built on open standards - H.263, G.711, RTSP, RTP
- Central & Distributed Management
- Linux OS
- Superior Video Compression at a low cost
- 3GPP Compliant
- PTZ control of cameras
- Web-based user interface

IDV-3100 Smart CMOS Security Camera

The IDV-3100 is a re-configurable FPGA based device for smart CMOS image sensor security cameras. The device integrates CMOS sensor interface, PAL/NTSC encoder, digital video output, serial communications, colour finishing, digital panning/zooming and motion event detection into a signal chip. Its proprietary colour finishing technology and advanced exposure control produce image comparable to CCD quality from CMOS image sensors while adding new features that are not available in CCD based security cameras. The device is programmable to meet a wide range of intelligent surveillance applications and can be easily customised.

Key Features:

- High quality imaging (Comparable to CCD)
- Digital panning and zooming without quality degradation
- Automatic and programmable white balance control
- Automatic back/front-light compensation
- Automatic Region-based exposure control
- Advanced motion event detection
- Motion tracking
- Picture in picture to view the entire scene and Window Of Interest (WOI) simultaneously
- Analogue video output (PAL/NTSC)
- Digital video output (RGB/YCrCb)
- RS-232 input and output
- Easy integration with most CMOS image sensors



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