PowerView

Digital Video Surveillance Software

Introduction

PowerView is a complete advanced digital surveillance system, designed to meet the requirements of modern security. High compression rates and image quality, real-time video plus audio recording, and I/O information On Screen Display (OSD) monitoring, makes it a dependable first choice for industrial application needing an all-in-one state of the art solution that is ready for continuous 24 hours a day operations and prepared for integration into large networks with centralized control CMS (Central Monitoring System), Backup Center for remote backup, Video Integration System and access control system. Easy installation, simple operation, advanced functions and remote management makes PowerView the answer to many security needs in any applications. In addition, Powerview also provides PowerView IVS (Intelligent Video Solution) to global customers, including Object Tracking & Analysis, People/Vehicle Counting, Vehicle Wrong Direction, Virtual Fence, Loitering, Lost/Left Object, POS System, ATM Solutions and more.

PowerView 6000

To satisfy the critical demand of dangerous area monitoring, Advantech has developed a fully integrated system we called "Information-enabled DVR Solution" to penetrate automation application market. With the combination of video image and data information, Information such as temperature, pressure, PH value, flow rate can be monitored by sensors connected to ADAM-4000 series module via ModBUS/RTU. Advantech's FA solution not only meets the needs of video surveillance & equipment monitoring, but also saves money on video with I/O system purchasing.

PowerView IVS

Video content analysis and intelligent video object behavior analysis assist security guards in making judgments and assessing threats. Advantech's PowerView IVS (Intelligent Video System) helps users manage emergency cases and be aware of illegal events while they are happening. Users can easily identify and monitor objects, areas, vehicles, people, animals, goods and more. Our IVS solution offer bellowing intelligent video functions:

- Unattended object analysis
- Lost object analysis
- People loitering
- Virtual fence detection
- Car and people counting
- Vehicle wrong direction

PowerView CMS

PowerView CMS (Central Monitoring System) is a complete advanced central monitoring and administration software package for IP-based video security applications. It is designed for versatility and integration with DVR to enhance its security integrity. Therefore administrator and authorized clients can easily monitor and control the activities and security of their respected settings and playback recorded data just with a click on Powerview CMS.

Features

PowerView6000

- Real Time Video with On Screen Display and Notifications: I/O information, video, events, alarms, network connection, and backup status can be easily seen
- Advanced Schedule Recording Modes: Seven recording modes to schedule or trigger recording based on camera and sensor input
- Advanced Event Action Plan: PTZ control, video recording, warning sound playback, or program execution actions can be configured for any event source.
- Quick & Smart Search by Calendar /Time Segment, Intelligent eMap Function, and Combined I/O On Screen Display (OSD) Via ADAM I/Os.

PowerView IVS

- Intelligent Video Content Analysis Functions, Powerful IVS Smart Search Function, and Easily integrated With PowerView 6000 .

PowerView CMS

- Support 2 Concurrent Monitoring Screens , Central Monitoring System Supports up to 128 Channels, and powerful remote control functions via IE browser; dynamic IP supported .

Application Field

- Factory Application: boiler, furnace, compressor, electrical room, wafer production and critical equipments
- Utility Application: Gas/water piping, gas station, dam, river, bridge and water treatment.
- Transportation Application: Airport, railway and highway.