Pre-Release Information

Hybrid Security MJPEG / MPEG4 IP Camera Range CCIC1345, CCIS1345, CCIW1345

With three models for colour, day-night, and day-night with wide dynamic, the new range of network IP cameras offers the right camera for every application. The compression standard is selectable between MJPEG or MPEG4, this ensures the highest flexibility and allows a system to be to optimised depending upon image quality or bandwidth. The high performance CCD sensor enables very high light sensitivity to deliver outstanding images when either used in- or outdoors, during the day or night.

■ **For more flexibility – the new security MJPEG/MPEG4 network cameras**
There are two main compression standards prevailing on today's security market, depending upon the application – MJPEG or MPEG4. This new IP camera range supports both standards and can so be used in a multitude of applications.

■ **True digital recording over networks**
True digital recording of these streaming images is possible over a network. In MJPEG mode recording is possible via Siemens' hybrid video recording system SISTORE MX or when using a standard PC, SISTORE MX NVS – the Network Video Software can be installed. Using MPEG4 mode, SISTORE CX (V3.5) video codec allows streaming recording.

■ **Playback via standard PC video players**
The cameras support MPEG4 and the international standard RTSP (Real Time Streaming Protocol). Due to RTSP, the MPEG4 video streams can be replayed using standard PC video players such as Quick Time or VLC. This ensures these cameras can be integrated very easily into both new and existing applications.

■ **Hybrid Technology from Siemens brings together two worlds**
Due to Hybrid Technology from Siemens this range of IP cameras offers truly the best of both worlds, as a standard analogue BNC connection is present for use in traditional CCTV systems. However, with Hybrid Technology from Siemens, the camera is future-proof, because as the system is transferred to digital (i.e. swapped from coaxial cable to Ethernet transmission), these Siemens cameras also have an Ethernet connector to allow direct connection to an IP network.

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User friendly and secure
Due to the integrated Web server it is possible to access the camera from any standard Web browser and view video images. Various password and security user profiles, together with the integrated firewall protect against unwanted access, to ensure the range are true security IP cameras.

Integrated activity detection and external alarm input
The range also includes built-in activity detection as standard. An area of interest can be easily defined in the video image using the on-screen display. If activity is detected or an external alarm input is triggered, the cameras save the alarm images. An internal 128 MB flash memory card is used to store alarm images, this is particularly useful in the case of a network failure, to ensure a secure backup.

Alarm and message forwarding via e-mail or SMS
If an alarm is triggered either via the integrated activity detection or via the external alarm input (for example from a PIR intrusion detector placed next to the camera or a door contact) the camera can automatically send the alarm image to a predefined e-mail address or telephone number. This also applies to unauthorised access. If someone enters the wrong login ID or password, the camera can also send a message transmitting that information. Customers are rest assured that they are always updated whether on- or off-site that the facility is secure and informed immediately of any events, ready to follow security procedures.

Integrated microphone
Using the integrated microphone, resolving situations can be supported by additional important audio information. Also, an external microphone can be connected to the cameras, for example if it is used externally in a weatherproof housing.

Pan/tilt/zoom (PTZ) control
Using the integrated Web server or in combination with a DVR featuring PTZ control, these cameras provide a local telemetry output receiving telemetry data over the Ethernet. All three models feature an RS485 output for pan, tilt and zoom for telemetry receivers mounted near to the camera, saving cabling from the controlling device to the telemetry receiver.

Highlights

- High sensitive CCD sensor cameras, day-night models with mech. IR cut filter
- Hybrid cameras: classic analogue plus Ethernet video output
- MJPEG or MPEG4 encoding selectable
- 4CIF, 2 CIF, CIF resolution at 25 ips
- Standardized protocols: HTTPS, RTSP, TCP/IP, NTP, DHCP, DNS, SMTP
- Activity detection & e-mail notification
- Integrated microphone
- PoE and 24 VAC power supply

Welcome to the world of innovative thinking

Innovation
Siemens invests a great deal in both manpower and research and development. This results in a steady stream of new insights, technologies and inventions that enable us to improve the reliability of our products and systems, ensuring the securest products and making our systems even more simple and convenient to operate.

Advances in digital technologies are creating a whole new world of possibilities. Siemens is at the leading edge of progress in this field and continues to redefine both current and future technologies.

Reliability
With a history of over a hundred years, if you need an established, reliable partner you are in the very best of hands with Siemens. System expansions and upgrades can be continuously made over a period of years, which ensures your investment for the future.

Security
Siemens products and systems provide you with security. Today, tomorrow and for decades to come. That's why countless customers around the world place their trust in Siemens.