

Special Provision to Special Specification 6010

Closed Circuit Television (CCTV) Field Equipment



Special Specification 6010 "Closed Circuit Television (CCTV) Field Equipment," is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 6010.2.1, "General Requirements." The third paragraph is voided and replaced by the following:

CCTV field equipment to include the following:

- color video camera units,
- camera lenses, filters, control circuits and accessories,
- camera housing,
- medium duty pan and tilt units with click and drag position control,
- video and camera control and power cable connectors and assemblies,
- video, data, and power surge suppression, and
- built-in ID generator.

Section 6010.2.2., "Functional Requirements for Analog CCTV." All paragraphs are voided and not replaced.

Section 6010.2.3.1.3., "Resolution." The first paragraph is voided and replaced by the following:

Support the following resolutions:

- 720p (1280 x 720 pixel array),
- 1080p (1920 x 1080 pixel array),
- D1 (720 x 480 pixel array),
- CIF (352 x 240 pixel array), and
- VGA (640 x 480 pixel array) at a minimum dependent on video stream configuration.

Section 6010.2.3.1.6., "Video Stream Format." The first paragraph is voided and replaced by the following:

Allow simultaneous encoding and transmission, of a minimum, two configurable digital video streams in conformance with the Moving Picture Experts Group's MPEG-4 part 10 (H.264). Support configuration of the following at a minimum:

- H.264,
- H.265, and
- H.264 + H.264.

Section 6010.2.3.1.8., "Aspect Ratio." The first paragraph is voided and replaced by the following:

Support width to height aspect ratio of 16:9.

Section 6010.2.3.2., "Lens." The first paragraph is voided and replaced by the following:

Provide an integral lens assembly for each camera with the following features:

- an f/1.6 or better glass multi-coated zoom lens with variable focal lengths with a minimum 30X zoom range,
- 12X auto and manual digital zoom minimum, and
- automatic and manual focus and iris control.

Section 6010.2.3.3., “Network Interface Requirements.” The third paragraph is voided and replaced by the following:

Support, at a minimum, RTP, RTSP, UDP/IP, TCP/IP, IPv4, HTTP, IGMPv2, DHCP, NTP, IEEE 802.1x, Ethernet 802.3u, SNMP, RADIUS Key, and Telnet.

Section 6010.2.4.1., “Serial.” The first paragraph is voided and not replaced.

Section 6010.2.4.2., “Video.” The first paragraph is voided and not replaced.

Section 6010.2.4.3., “Ethernet.” The first paragraph is voided and replaced by the following:

Provide a shielded twisted pair (STP) Category 6 (or equivalent) at a minimum rated for outdoor use in conformance to TIA/EIA 568B Standard. Cable must not exceed an attenuation of 30 dB per 300 ft. of cable at 100 MHz.

Section 6010.2.5., “Video Encoding Interoperability.” The first paragraph is voided and replaced by the following:

Video encoding and decoding equipment may be achieved through software or hardware means. Ensure camera’s encoded video is interoperable with hardware and software decoders from other manufacturers. Ensure the camera’s encoded video can be decoded by a minimum of two other manufacturer’s software or hardware decoders that are currently in use by the Department. Contact the Department for decoders supported prior to procurement of camera unit.

Section 6010.2.6., “Camera Housing.” The second paragraph is voided and replaced by the following:

Provide camera housing with a sunshield to reduce the solar heating of the camera. The total weight of the camera (including housing, sunshield, and all internal components) must not exceed 25 lb.

Section 6010.2.9., “Control Receivers.” All paragraphs are voided and not replaced.

Section 6010.3.8.1.4.4., “Communication.” The first paragraph is voided and replaced by the following:

For digital camera models, document network connection to the camera through ping or telnet session from a remote PC.