



CI-0704

TAB 7: TECHNICAL DISCIPLINES
Communications

LOCAL MONITORING

All cameras, including pan/tilt/zoom (PTZ) at each site are viewed locally on a dedicated video monitor and manipulated by means of a keyboard, mouse, and/or joystick.

REMOTE MONITORING

The systems are connected via GO Transit network which allows remote and local access to all cameras on all systems

The current method of transmission of video images is operating on MPLS circuits and Metrolinx IT WAN Infrastructure.

Various CCTV system viewing and monitoring rights are granted through administrative privileges as set out by GO System Safety.

COMPONENTS

The equipment required for either the Operational or the Security CCTV system generally includes, but is not limited to the following:



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- > Colour Monitors – 24” or 32” display monitor inside station ticket booth, 32” or 50” at Transit Safety Dispatch, wall or ceiling mounted each site is dependant on local requirements and conditions. This will include all hardware required for the installation.
- > Outdoor grade platform monitors to assist CSA to ensure doorways are clear of passengers. Typically used on curved platforms with obscured vision and installed on mini-platform on dedicated pole.
- > Cameras – Fixed or Pan/Tilt/Zoom, high sensitivity (0.08fc) and other new technology compatible and approved with the corporate standard system.
- > Camera Housings – weatherproof (outdoor), moisture and dust-proof, maintain the ambient temperature within the housing in the camera operating temperature range of –10°C to +50°C. A sunscreen is fitted to protect the camera from direct sunlight. Indoor housings are either high impact polycarbonate or epoxy coated steel, dust-proof, with top mount assembly, suitable for cameras with fixed focal length.
- > Lenses – Fixed with auto-Iris. Aspherical lenses are used on platforms to suit lighting conditions.
- > CCTV Head End System.

DESIGN/INSTALLATION CRITERIA

CCTV system implementation is part of the overall facility design. The level of design and installation at each station, facility or wayside layover will depend upon the unique conditions of each site and in accordance with GO corporate needs. Monitoring and recording requirements will be determined by the user groups.