

**661—141.5 (99F) Required equipment.** The closed circuit surveillance system shall include, but shall not be limited to, the following equipment:

**141.5(1) Cameras.** The system shall include Pan Tilt Zoom cameras, commonly referred to as PTZ cameras, that are light-sensitive and capable of being placed behind a dome or one-way mirror which conceals the PTZ cameras from view. Each camera shall have the capability to distinguish a clear, unobstructed view of the table number of the gaming table or slot machine.

**141.5(2) Printers.**

*a. Video systems.* The printers for video systems shall be capable of adjustment and must possess the capability to generate instantaneously upon command a clear, still copy of the image depicted on a videotape recording with a minimum of 128 shades of gray.

*b. Digital systems.* The printers for digital systems shall be capable of printing a clear, still copy using a minimum of four colors at 600 × 600 dots per inch on photo-quality paper.

**141.5(3) Monitors.** Each screen must be at least 12 inches measured diagonally and all controls must be front-mounted. Solid state circuitry is required.

**141.5(4) Date and time generators.** Each system shall be capable of synchronized recording in military time, with both the time and date of the recorded events displayed without obstructing the recorded view.

**141.5(5) Universal power supply.** The system and its equipment must be directly and securely wired in a way to prevent tampering with the system. In the event of a loss in power to the surveillance system, an auxiliary or backup power source must be available and capable of providing immediate restoration of power to the elements of the surveillance system that enable surveillance personnel to observe the gaming activity remaining open for play and all areas monitored by dedicated coverage.

**141.5(6) Domes for cameras.** The domes shall be made of sufficient quality and size to accommodate PTZ cameras and shall be capable of accommodating clear, unobstructed views.

**141.5(7) Switchers.** The switchers shall be capable of both manual and automatic sequential switching for the entire surveillance system.

**141.5(8) Recorders.** Each camera required by these standards must possess the capability of having its view displayed on a video or computer monitor and recorded. The surveillance system must include enough monitors and recording capacity to simultaneously display and record multiple gaming, cage, drop, count room activities, and record the views of all dedicated coverage. Recording systems shall be capable of copying original images while maintaining the original native format, and storing images in a format that contains a method to verify the authenticity of the original recordings and copies. The licensee shall supply the medium for download and transfer of the information and a jewel case or sleeve for the medium.

**141.5(9) Digital systems.**

*a.* All images and audio shall be digitally recorded and stored on a system with backup and retrieval capabilities.

*b.* Recording systems shall be locked by the manufacturer to disable the erase and reformat functions and to prevent access to the system data files.

*c.* The system shall provide uninterrupted recording while the playback or copy function is used.

*d.* If the licensee chooses to use a network for the digital recording equipment, it must be a closed network with limited access located on the same premises as the casino or, with the approval of the DCI, on a property adjacent to the casino. Nothing in this paragraph shall be interpreted to prevent the commission from utilizing or transmitting for regulatory purposes images recorded by a video surveillance system.

*e.* The licensee shall provide the DCI and the commission representative with the necessary software and hardware to review a downloaded recording. Additionally, the licensee shall provide the DCI and the commission representative with printers meeting the requirements as outlined in 661—subrule 141.5(2).

*f.* The licensee shall be responsible for staffing the surveillance room with licensed staff trained in the use of digital equipment. Surveillance employees shall be capable of downloading or copying digital audio or images, or both, for evidentiary purposes.

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