

Architectural and Engineering Specifications

Mitsubishi Time-lapse Recorder (HS-9424UU)

Bid Specifications:

1.0 Product Description

The recorder described shall be a Mitsubishi model HS-9424U or equivalent. The recorder shall be an industrial grade 24-hour time-lapse security recorder.

2.0 Bid Specifications

- The video recorder shall be NTSC compatible. The video recorder shall have the ability to record video and audio in 2, 6, L12, L24 hours using a T120.
- The video recorder shall be a four-head VHS ½ inch azimuth helical scanning system. The unit will record 30 frames (60 fields) per second in 2 and 6 hour mode, 8.5 fields per second in 12-hour mode and 4.6 fields per second in 24-hour mode.
- The video recorder shall have the ability of reproducing 330 lines of resolution in black/white and 240 lines of resolution in color.
- The video output shall be 1.0 V (p-p) composite video signal, 75-ohm impedance with a video signal to noise greater than 42dB.
- The video recorder shall have a BNC input connector for recording video and a BNC output connector for playback of recorded video.
- The video recorder shall have power off signal through function allowing the signal to pass via its output connector when power is off.
- The video recorder shall provide .388mV (rms), 1K ohms at it's output with noise greater than 43dB. The In/Out connectors for audio shall be RCA type connectors.
- The video recorder shall have an on screen system menu for programming and setup. The menu programming will include but not limited to Language and clock setting, monitor display setting, normal and alarm recording modes, timer recording mode, emergency record, rear terminal settings and first time setup settings. The menu language will be user selectable in English, French and Spanish.
- The video recorder shall have a multi-function Jog/Shuttle that can be used to setup the units program menu and to playback recorded video fast forward or one field at a time
- The video recorder shall support time date search, zero back search, index and skip search functions. The unit will also support tape use counter.
- The video recorder will support at tape end, stop, rewind, re-record and stop protecting alarms.
- The video recorder shall have a 30-day memory backup battery in case power is lost.
- The video recorder shall have a built in time date generator with automatic daylight savings setting which can be deactivated if needed.
- The video recorder shall provide screw down terminals for Alarm In, Alarm reset, REC. In, Alarm Out, clock Out, Mode Out and Call Out.
- The video recorder shall provide connections for a wired remote.
- The video recorder shall have two security LOCK modes which will LOCK all front panel access or LOCK All accept Tape Eject and REC. The video recorder shall provide a list of Alarms and provide a time and date search function of Alarm activity.
- The video recorder shall provide a Power Lost list log.
- The video recorder shall have the ability to be controlled via the front panel, wired remote or from the RS-232 (optional) port.
- The video recorder shall provide a front panel diagnostic display informing of a cut tape, no signal and head clog occurrence. The units will also use the CALL Out terminal when set to Warning and will output a LOW signal when a hardware malfunction occurs.
- The video recorder shall have an automatic head cleaning and record check function.
- The video recorder shall support A/C power from 100 to 240 and have a removable power cord.
- The video recorder will be UL1492 and FCC part 15, class B certified.
- The video recorder shall have the dimensions of 425(W) X 313(D) X 95(H) mm and weight 4.2kg.