

Bid Specifications for In-Car Video System

CAMERA:

System shall consist of a Weldex color power zoom video camera mounted to the windshield of the patrol vehicle. This camera shall be a minimum of 1.0 lux with a resolution of 470 lines and operate from the vehicle 12 volt electrical system. A 23X f1.6 standard zoom telephoto lens shall be installed on the camera. Camera shall be supplied with a three suction cup adjustable mount which will adhere to windshield and allow camera to be rotated in any direction. Camera shall also include a red indicator light to alert the officer that the camera is ON.

ELECTRICAL:

The system shall have one 10' shielded cable which will connect the camera to the control box via a locking 3 pin "DIN" connector, and one additional shielded cable 14' in length to connect from the control center to the VCR by use of 25 pin locking "DIN" connector and 25 pin "D"-sub connector. A shielded 3' cable will connect the monitor to the control center via an 8 pin locking "DIN" type connector. Voltage will be supplied via the red and/or blue wire while the ground will be supplied by the black wire extending from the vcr connector. Other than the connections to the voltage and ground, the entire system shall be 100% plug-and-play technology.

VCR/MONITOR:

Shall consist of an industrial grade Micro Technology 4 head SR-71MP VCR capable of recording color or black & white images from the camera to a VHS T-120 or T-160 video tape. VCR shall also have all the necessary functions to indicate on the 4" TFT Active Matrix color video screen and the recorded tape, mounted with the supplied "Z" mounting bracket, the mode of activation. It shall also be capable of displaying temperature in "F" or "C", tape counter, voltage being drawn by the system, flashing and/or stationary title line display of 24 characteres, time and date displaying month, day and year. Futhermore, it shall be equipped with a built in interface, via 9 pin "D" Sub connector extending from rear of VCR, to supply a display on the recorded tape and monitor of the attached Genises I or II, Stalker, MPH, Kustom, or Interceptor radars with no additional interface required. There shall be and indication on the monitor when, "no tape" is present, "no video source detected", "end-of-tape" warning, and "record". System shall begin recording instantly when the system is activated either from the overhead lights, or any device of choice, or by a manual switch located on the metal case of the 4" color monitor. All programming features of the system shall be accessible, by the department, with the supplied infrared remote control unit. The tape counter shall reset each time the tape is ejected from the VCR. VCR shall be capable of over-write protection and automatic rewind at end of tape. Monitor shall have adjustments and controls for color, tint, brightness, red drive, blue drive, play, rew, stop and fast forward.

AUDIO:

There shall be supplied with each system an Azden body pack audio transmitter which will transmit a minimum of 500' L.O.S. with lavilere microphone including a windscreen which will clip to the officers belt and shirt. This transmitter shall operate for a minimum of 8 hours using a 9 volt Duracell battery and shall include a red indicator light to alert the officer that the unit is transmitting when in the ON position. Video system shall be automatically activated when body mic is turned ON. Transmission shall be on the FCC approved frequency of 170.245 Mhz. A receiver shall be incorporated within the system to allow this audio to be simultaneously placed onto the VHS video tape.

MOUNTING:

System shall include an 14 ga. steel, powder coated, mounting plate to which VCR and audio receiver are mounted with velcro tape for easy removal if repairs are needed. This plate shall be easily installed in the trunk of any vehicle by bolting to the rear metal support frame of the rear seat of vehicle. An additional strip of carpet tape shall be included on the bottom of plate for additional support on front end of mounting plate.

MFG WARRANTY:

Each system shall be covered by a 100% repair or replacement warranty for a period of one (1) year from date of purchase. Warranty shall cover all components of the system and all connecting cables and/or attachments. VCR shall be covered by a two (2) year warranty. Also, there shall be provisions for additional coverage to be purchased for a period of three additional years. VCR is also covered by a 5 year warranty against "steal or shoot". (See under warranty info).

A NOTE ABOUT BIDS

Many cities require the city departments to acquire bids on new equipment purchases. This is a formality that has been used for many years and is the most effective means of receiving the lowest possible price for the product you are in the market for. **However, bid specs can be deceiving if not prepared properly.**

We, like most other companies, will not respond to "**Soul Source**" bids. This is a bid that has been prepared directly from a manufacturers spec sheet. The reason being that a soul source bid, as the one we have listed above, is directed entirely to a soul manufacturers product and not to the product you are looking for in general. A department should use a vendors spec sheet **only** to create it's own "**generic bid sheet**". Many vendors will go as far as to list the exact weight of a camera, or the exact dimensions of a product only to eliminate the other vendors from bidding and guarantee the sale to their firm.

A generic bid sheet should list the basic items you require in the system you are looking for, no more or no less. By using this format, most of the companies you send your bid sheet to will respond, and you will probably save thousands of dollars.

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