

DESIGN CRITERIA

1. Related Sections: Section 26 05 00 applies.
2. Summary: Provide commercial grade Intrusion Detection System (IDS) with duress (hold-up) switches. Detection devices shall include duress (hold-up) switches, magnetic switches at all accessible perimeter doors, windows, and roof hatch; motion detectors, and a vibration-sensing device for the cash safe. Coordinate complete design with Host Military Installation security, communications, and engineering personnel to ensure that all requirements unique to the Military Installation are considered. System operation shall be operator-programmable so as to selectively activate or de-activate specific system alarm points. Alarm annunciation shall identify each reporting alarm point separately at the monitoring office. Provide an alarm transmission interface with the Host Military Installation's municipal-type alarm network; or, if the Host Military Installation does not monitor alarms from tenant facilities, provide a one-year monitoring contract with a local commercial alarm monitoring service provider. All circuits shall be electronically supervised. Contractor shall be responsible for coordinating the complete installation.
3. Source: Compatible with the Host Installation security monitoring systems.
4. Zoning at Funds Storage Areas: Install alarms on funds storage rooms (typically the cashier's office), safes and vaults on separate zones which can be activated or deactivated separately from other IDS zones in the alarm system. Locate access control for this zone in the funds storage area.
5. Perimeter: Magnetic switches on all exterior doors, hatches, and operable windows. Include roof hatch and trash compactor access. Provide a magnetic switch on the Cashier's Office door (on the funds storage zone).
6. Motion detectors: Cover the interior of the cashier's office and safe room.
7. Vibration-sensing switch: Provide at the funds storage safe.
8. Duress (Holdup) Switches: Provide guarded pushbuttons at the following locations:
 - A. Every second check stand, but not less than two total.
 - B. Cashier's Office near front desk.
 - C. Cashier's Office at cash safe.
 - D. Cash Counting Room.
 - E. Customer Service Counter.
9. Access keypads: Provide at eye level, with self-closing cover, at two locations:
 - A. Main employee entrance.
 - B. Cashier's Office door within Cash Counting Room, not in Checkout Area.
10. Coordination: Coordinate with the Host Military Installation's security organization. Determine the brand and model of central alarm monitoring panel in use, and the method of transmission required; i.e., telephone dialer, radio transmitter, or dedicated signal circuit, etc. Ensure that the commissary security system alarm will properly activate the Host Military Installation's municipal type central security alarm system, and transmit to it compatible and properly coded signals. Determine whether the Host Military Installation has an alarm service contract that will cover the commissary, or if the commissary might advantageously use the same contractor for alarm service. Specify the commissary alarm transmitter to be 100% compatible with the Host Military Installation's central alarm system panel.
11. Intrusion Alarm Control Unit: Provide at environmentally controlled (40 deg - 86 deg F, R.H. below 50%) CISIC Room **[or other location as designated by the Government]**. Connect transmitter to the designated signal circuit (or set radio frequency, for radio type) determined in coordination with the Host Military Installation.
12. Deviations from the above criteria may be considered, on request of the DeCA Region Director after coordination with Region security specialists.
13. Emergency Exit Door Day Alarm (independent of IDS system): Refer to Criteria Section 08 71 00. Electrical must provide 120 volt branch circuit and 120:12 volt transformer at each location to power the Detex alarm units. For renovations/expansions where existing devices are not in good condition and/or not being properly maintained, replace with 120 volt unit(s) and provide power to unit(s).

14. Alert Klaxons: Do not provide.
15. Project Drawings: Show on the systems floor plan proposed locations of all panels, motion detectors, magnetic switches, vibration detectors, duress switches, access keypads and other components of the IDS system, as well as telephone and/or data connection points if needed for alarm transmission. Include a schematic diagram to identify proposed connections and zoning (or partitioning) of the system.
16. Project Specifications: Edit the DeCA Guide Specification Section 28 16 00, Intrusion Detection, to suit Host Installation requirements and specific details and conditions of this project.

END OF SECTION