

28 23 Video Management System

28 23 13 – Video Management System Interfaces

28 23 13.10 Closed Circuit Television System		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
0010 CLOSED CIRCUIT TELEVISION SYSTEM							Labor	Equipment		
2000	Surveillance, one station (camera & monitor)	2 Elec	2.60	6.154	Total	600	405		1,005	1,275
2200	For additional camera stations, add	1 Elec	2.70	2.963	Ea.	187	196		383	500
2400	Industrial quality, one station (camera & monitor)	2 Elec	2.60	6.154	Total	1,550	405		1,955	2,300
2600	For additional camera stations, add	1 Elec	2.70	2.963	Ea.	700	196		896	1,050
2610	For low light, add		2.70	2.963		500	196		696	840
2620	For very low light, add		2.70	2.963		2,700	196		2,896	3,250
2800	For weatherproof camera station, add		1.30	6.154		480	405		885	1,125
3000	For pan and tilt, add		1.30	6.154		1,475	405		1,880	2,200
3200	For zoom lens - remote control, add		2	4		1,675	265		1,940	2,250
3400	Extended zoom lens		2	4		4,700	265		4,965	5,575
3410	For automatic iris for low light, add		2	4		955	265		1,220	1,450
3600	Educational TV studio, basic 3 camera system, black & white, electrical & electronic equip. only	4 Elec	.80	40	Total	7,725	2,650		10,375	12,400
4000	Full console		.28	114		23,700	7,575		31,275	37,300
4100	As above, but color system		.28	114		47,100	7,575		54,675	63,000
4120	Full console		.12	267		177,500	17,700		195,200	221,000
4200	For film chain, black & white, add	1 Elec	1	8	Ea.	11,600	530		12,130	13,600
4250	Color, add	"	.25	32	"	8,350	2,125		10,475	12,300
4400	For video recorders, add	1 Elec	1	8	Ea.	2,275	530		2,805	3,275
4600	Premium	4 Elec	.40	80	"	15,000	5,300		20,300	24,400

28 23 23 – Video Surveillance Systems Infrastructure

28 23 23.50 Video Surveillance Equipments

0010 VIDEO SURVEILLANCE EQUIPMENTS										
0200	Video cameras, wireless, hidden in exit signs, clocks, etc., incl. receiver	1 Elec	3	2.667	Ea.	149	177		326	425
0210	Accessories for video recorder, single camera		3	2.667		178	177		355	460
0220	For multiple cameras		3	2.667		1,600	177		1,777	2,000
0230	Video cameras, wireless, for under vehicle searching, complete		2	4		14,200	265		14,465	16,000
0234	Master monitor station, 3 doors x 5 color monitor with tilt feature		2	4		1,025	265		1,290	1,525

28 31 Intrusion Detection

28 31 16 – Intrusion Detection Systems Infrastructure

28 31 16.50 Intrusion Detection

0010 INTRUSION DETECTION, not including wires & conduits										
0100	Burglar alarm, battery operated, mechanical trigger	1 Elec	4	2	Ea.	284	132		416	505
0200	Electrical trigger		4	2		340	132		472	565
0400	For outside key control, add		8	1		87.50	66		153.50	195
0600	For remote signaling circuitry, add		8	1		144	66		210	258
0800	Card reader, flush type, standard		2.70	2.963		680	196		876	1,050
1000	Multi-code		2.70	2.963		1,225	196		1,421	1,650
1200	Door switches, hinge switch		5.30	1.509		66.50	100		166.50	222
1400	Magnetic switch		5.30	1.509		125	100		225	286
1600	Exit control locks, horn alarm		4	2		237	132		369	460
1800	Flashing light alarm		4	2		239	132		371	460
2000	Indicating panels, 1 channel		2.70	2.963		218	196		414	530
2200	10 channel	2 Elec	3.20	5		1,150	330		1,480	1,775
2400	20 channel		2	8		2,450	530		2,980	3,475
2600	40 channel		1.14	14.035		4,550	930		5,480	6,375
2800	Ultrasonic motion detector, 12 V	1 Elec	2.30	3.478		164	230		394	520
3000	Infrared photoelectric detector	"	4	2		120	132		252	330