

MULTIPLEXER OPERATIONS
Expected Delay Between Picture Updates

RECORDERS IN TIME LAPSE MODE

LTC 3991

Hours using a T120 tape> No. of Cameras	2Hr	12Hr	24Hr	36Hr	48Hr	72Hr	120Hr	168Hr	240Hr	360Hr	480Hr	600Hr	720Hr
	Update rate (seconds)												
1	0.017	0.12	0.22	0.33	0.45	0.67	1.1	1.5	2.1	3.3	4.2	5.6	6.7
2	0.033	0.23	0.43	0.67	0.91	1.3	2.2	3.0	4.3	6.7	8.3	11.1	13.3
3	0.050	0.35	0.65	1.00	1.4	2.0	3.3	4.5	6.4	10.0	12.5	16.7	20.0
4	0.067	0.47	0.87	1.33	1.8	2.7	4.3	6.1	8.5	13.3	16.7	22.2	26.7
5	0.083	0.58	1.1	1.7	2.3	3.3	5.4	7.6	10.6	16.7	20.8	27.8	33.3
6	0.100	0.70	1.3	2.0	2.7	4.0	6.5	9.1	12.8	20.0	25.0	33.3	40.0
7	0.117	0.81	1.5	2.3	3.2	4.7	7.6	10.6	14.9	23.3	29.2	38.9	46.7
8	0.133	0.93	1.7	2.7	3.6	5.3	8.7	12.1	17.0	26.7	33.3	44.4	53.3
9	0.150	1.0	2.0	3.0	4.1	6.0	9.8	13.6	19.1	30.0	37.5	50.0	60.0
10	0.167	1.2	2.2	3.3	4.5	6.7	10.9	15.2	21.3	33.3	41.7	55.6	66.7
11	0.183	1.3	2.4	3.7	5.0	7.3	12.0	16.7	23.4	36.7	45.8	61.1	73.3
12	0.200	1.4	2.6	4.0	5.5	8.0	13.0	18.2	25.5	40.0	50.0	66.7	80.0
13	0.217	1.5	2.8	4.3	5.9	8.7	14.1	19.7	27.7	43.3	54.2	72.2	86.7
14	0.233	1.6	3.0	4.7	6.4	9.3	15.2	21.2	29.8	46.7	58.3	77.8	93.3
15	0.250	1.7	3.3	5.0	6.8	10.0	16.3	22.7	31.9	50.0	62.5	83.3	100.0
16	0.267	1.9	3.5	5.3	7.3	10.7	17.4	24.2	34.0	53.3	66.7	88.9	106.7

MULTIPLEXER OPERATIONS
Expected Delay Between Picture Updates

RECORDERS IN HIGH DENSITY ("REAL TIME") MODE

LTC 3924

No. of Cameras	6Hr	18Hr	30Hr
	8Hr	24Hr	40Hr
Update rate (seconds)			
1	0.017	0.050	0.083
2	0.03	0.10	0.17
3	0.05	0.15	0.25
4	0.07	0.20	0.33
5	0.08	0.25	0.42
6	0.10	0.30	0.50
7	0.12	0.35	0.58
8	0.13	0.40	0.67
9	0.15	0.45	0.75
10	0.17	0.50	0.83
11	0.18	0.55	0.92
12	0.20	0.60	1.00
13	0.22	0.65	1.08
14	0.23	0.70	1.17
15	0.25	0.75	1.25
16	0.27	0.80	1.33

LTC 3963, LTC 3991

No. of Cameras	LTC 3963 & LTC 3991®								LTC 3991 only®				
	6Hr	18Hr	30Hr		48Hr	72Hr	120Hr	168Hr	240Hr	360Hr	480Hr	600Hr	720Hr
	8Hr	24Hr	40Hr		64Hr	96Hr	160Hr	224Hr	320Hr	480Hr	640Hr	800Hr	960Hr
Update rate (seconds)													
1	0.017	0.050	0.083		0.150	0.217	0.350	0.483	0.752	1.087	1.429	1.818	2.222
2	0.03	0.10	0.17		0.30	0.43	0.70	1.0	1.5	2.2	2.9	3.6	4.4
3	0.05	0.15	0.25		0.45	0.65	1.0	1.4	2.3	3.3	4.3	5.5	6.7
4	0.07	0.20	0.33		0.60	0.87	1.4	1.9	3.0	4.3	5.7	7.3	8.9
5	0.08	0.25	0.42		0.75	1.1	1.7	2.4	3.8	5.4	7.1	9.1	11.1
6	0.10	0.30	0.50		0.90	1.3	2.1	2.9	4.5	6.5	8.6	10.9	13.3
7	0.12	0.35	0.58		1.0	1.5	2.4	3.4	5.3	7.6	10.0	12.7	15.6
8	0.13	0.40	0.67		1.2	1.7	2.8	3.9	6.0	8.7	11.4	14.5	17.8
9	0.15	0.45	0.75		1.3	2.0	3.1	4.3	6.8	9.8	12.9	16.4	20.0
10	0.17	0.50	0.83		1.5	2.2	3.5	4.8	7.5	10.9	14.3	18.2	22.2
11	0.18	0.55	0.92		1.6	2.4	3.8	5.3	8.3	12.0	15.7	20.0	24.4
12	0.20	0.60	1.00		1.8	2.6	4.2	5.8	9.0	13.0	17.1	21.8	26.7
13	0.22	0.65	1.08		1.9	2.8	4.5	6.3	9.8	14.1	18.6	23.6	28.9
14	0.23	0.70	1.17		2.1	3.0	4.9	6.8	10.5	15.2	20.0	25.5	31.1
15	0.25	0.75	1.25		2.2	3.3	5.2	7.2	11.3	16.3	21.4	27.3	33.3
16	0.27	0.80	1.33		2.4	3.5	5.6	7.7	12.0	17.4	22.9	29.1	35.6