

Warp Engine™ Polling Bandwidth Requirements

Total Bytes/Second for Polling Rate of .2 Seconds						
		Number of Channel Values per site				
		1	4	8	16	32
Number of Sites	1	650	770	930	1250	1890
	2	1300	1540	1860	2500	3780
	3	1950	2310	2790	3750	5670
	4	2600	3080	3720	5000	7560
	5	3250	3850	4650	6250	9450
	6	3900	4620	5580	7500	11340
	7	4550	5390	6510	8750	13230
	8	5200	6160	7440	10000	15120
	9	5850	6930	8370	11250	17010
	10	6500	7700	9300	12500	18900
	20	13000	15400	18600	25000	37800

Total Bytes/Second for Polling Rate of 1 Second						
		Number of Channel Values per site				
		1	4	8	16	32
Number of Sites	1	130	154	186	250	378
	10	1300	1540	1860	2500	3780
	20	2600	3080	3720	5000	7560
	30	3900	4620	5580	7500	11340
	40	5200	6160	7440	10000	15120
	50	6500	7700	9300	12500	18900
	60	7800	9240	11160	15000	22680
	70	9100	10780	13020	17500	26460
	80	10400	12320	14880	20000	30240
	90	11700	13860	16740	22500	34020
	100	13000	15400	18600	25000	37800

Total Bytes/Second for Polling rate of 5 seconds						
		Number of Channel Values per site				
		1	4	8	16	32
Number of Sites	1	26	30.8	37.2	50	75.6
	10	260	308	372	500	756
	20	520	616	744	1000	1512
	30	780	924	1116	1500	2268
	40	1040	1232	1488	2000	3024
	50	1300	1540	1860	2500	3780
	60	1560	1848	2232	3000	4536
	70	1820	2156	2604	3500	5292
	80	2080	2464	2976	4000	6048
	90	2340	2772	3348	4500	6804
	100	2600	3080	3720	5000	7560
	200	5200	6160	7440	10000	15120
	300	7800	9240	11160	15000	22680
	400	10400	12320	14880	20000	30240
	500	13000	15400	18600	25000	37800

Total Bytes/Second for Polling Rate of 60 Seconds						
		Number of Channel Values per site				
		1	4	8	16	32
Number of Sites	1	2	3	3	4	6
	10	22	26	31	42	63
	20	43	51	62	83	126
	30	65	77	93	125	189
	40	87	103	124	167	252
	50	108	128	155	208	315
	60	130	154	186	250	378
	70	152	180	217	292	441
	80	173	205	248	333	504
	90	195	231	279	375	567
	100	217	257	310	417	630
	200	433	513	620	833	1260
	300	650	770	930	1250	1890
	400	867	1027	1240	1667	2520
	500	1083	1283	1550	2083	3150
1000	2167	2567	3100	4167	6300	