Perimeter Monitoring Technology Comparison Matrix (Ranked)

Systems are listed from highest to lowest total ranking. Scoring scale: 0 = Not provided, 5 = Excellent. Total Ranking is the sum of all criteria scores.

Rank	Technology	Demarcation	Deflection	Deterrence	Detection	Delay	Durability	Identification	Maintenance	Cost	Total
1	Monitored Electric Fence	5	4	5	5	4	4	2	3	4	36
2	Physical Fence Only	5	4	3	0	4	5	0	4	5	30
3	Microwave / Radar	3	2	1	5	1	5	4	2	2	25
4	Fiber-Optic Fence (DAS)	4	2	1	5	1	5	3	2	1	24
5	Fence-Mounted Vibration Sensors	4	2	1	4	1	3	2	3	3	23
6	AI Video Analytics (Optical)	3	1	1	4	0	3	5	2	3	22
7	Thermal Video Analytics	3	1	1	5	0	4	4	2	2	22
8	Infrared Beam / Laser Curtain	3	1	1	4	0	3	1	3	4	20
9	Guard Patrol (Human)	1	2	3	3	2	2	5	1	0	19
10	Buried Cable / Ground Sensors	2	1	0	4	0	5	2	2	2	18