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able sensor, said means including a single multiplexer (25) and a single radio transmitter (4), said multiplexer (25) having an input connected to each receptor cell output and an output connected to said radio transmitting means (4);
a plurality of solar cells (7) arranged on said sensor (15) and generating, from radiation received from said sunlight-simulating lamps (2), all electrical

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power necessary for operation of said receptor cells (6) and transmitting means (4);
said stationary radio receiver (5), including an antenna (3) projecting from said housing wall (8) into said chamber (10), receiving said signals and directing them to a de-multiplexer (26) for subsequent processing and display.

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