

Security Monitoring uses Solar Power

Cost effective system saved customer money

Steve Didier of Didier/Denver AV Systems Specialists in Lakewood, Co was facing a challenging job to put power in a very remote area. Steve stated, "The nearest utility connection would have made the system installation economically unreasonable and the damage alone to the landscape would have made it undesirable". Steve's job was to place a traffic flow monitoring system at Red Rocks Park.

Red Rocks Park is located in the Rocky Mountain Foothills fifteen miles west of Denver and includes a geologically formed, open-air amphitheater. The Red Rocks Amphitheatre is used as an outdoor concert venue, owned by the City and County of Denver and operated by the Division of Theatres and Arenas. The operators of the amphitheater needed to monitor traffic flow during events and needed a security monitoring device where they can expect over 9,000 people per event.



"The solar energy system from SunWize provided a substantial dollar savings to my customer and an environmentally unobtrusive source of power."

- Steve Didier, Didier/Denver AV Systems Specialists

Our Sales Executive recommended a 330 watt SunWize Power Ready System using three 110 watt solar modules and a DC to AC 115VAC/125 watt inverter to provide AC power for a Panasonic PTZ camera in an enclosed housing for protection from the climate. The monitoring system also includes a video encoder and a Falcon wireless transmitter receiver radio. The system was mounted on a wooden pole to meet environmental requirements.



So, Steve contacted SunWize or an alternative solution to utility power.

Our Sales Executive informed Steve that SunWize solar energy systems are robust and reliable, making them an ideal power source for rugged, remote locations. Systems are successfully operating on all seven continents, with temperatures ranging from the extreme cold of Antarctica to desert heat in Africa. Solar systems are continually subjected to hurricanes, tropical forests and highly corrosive salt air environments and keep working. Ease of transportation and rapid deployment make solar a cost-effective power choice along with longevity, simplicity and low maintenance.

Solar was clearly the solution Steve was looking for.

This single camera system with wireless device for video data transmission is located on the main vehicle entrance to the theater parking area. The system monitors traffic flow and quantity so the operators are able to redirect additional flow to another location if required. It also acts as a security device to monitor any problems along the stretch of road that would impede traffic flow entering and leaving the theater area. Didier commented, "The first camera is working out so well we expect to add an additional camera on the overlook road this summer."

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