

Popular Vote Goes to Mars!

Arizona State University student run organization, Sun Devil Satellite Lab, now a top ten finalist in world wide Mars One university payload competition.

TEMPE, AZ, USA, December 20, 2014 /EINPresswire.com/ -- The Sun Devil Satellite Laboratory (SDSL) is excited to be a top ten finalist in the Mars One university payload competition hosted by Mars One. The winner is determined by popular vote and SDSL wants to get the word out. Voting ends December 31, so there isn't much time. There are several ways to vote and support the mission:

[Facebook/Google+](#): You can vote for us on Facebook or Google+ by simply liking the mission logo found on the Mars One page. Links to images can be found clicking the hyperlinks provided.

Twitter: Voting for mission SPARC on Twitter is just as easy as Facebook, simply give us a shout out using #SPARC and #MarsOne to vote!

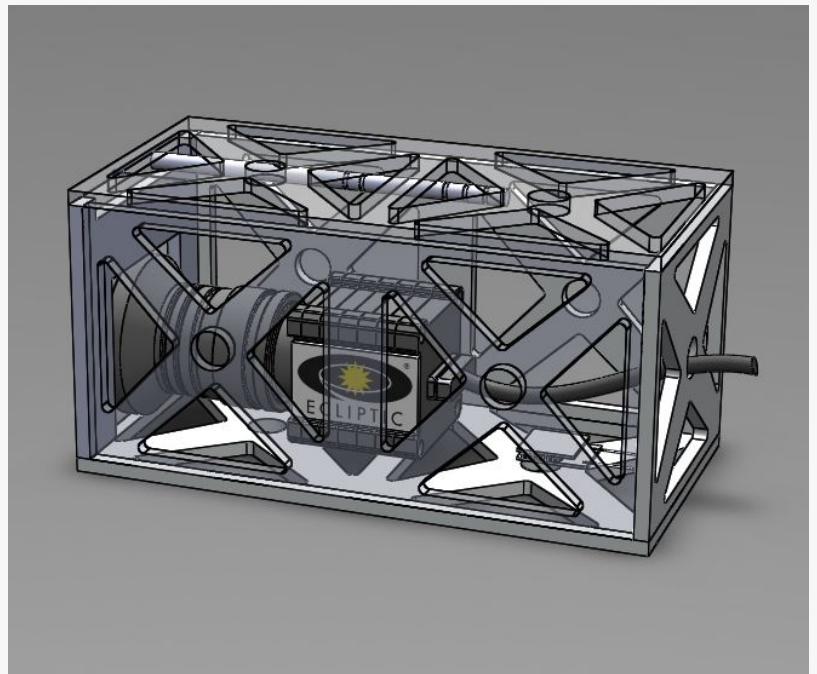
[Mars One Community Platform](#) - To vote, visit <https://community.mars-one.com/> and either purchase merchandise from the webstore or donate (even one dollar will do!) to receive an invitation to create an account. Once an account is created, you can login and vote for SDSL.

The Team - The Sun Devil Satellite Laboratory (SDSL) is a student organization at Arizona State

University. The team will consist of students at ASU from various backgrounds. These members include both undergraduate and graduate students studying electrical, aerospace, and mechanical engineering, as well as astrophysics and planetary sciences.



SPARC Mission Logo



Camera provided by Ecliptic Enterprises

The Payload - SPARC (Sensing Pressure and Atmospheric Research Console) is a very basic system consisting of The RocketCam system (provided by Ecliptic Enterprises), heater, pressure sensors, and a couple temperature sensors all wrapped up in an insulating layer that will be used to track Martian weather patterns. The system would operate by being positioned toward the Martian landscape, ready to observe once any natural phenomena occurs. Special software being developed at ASU will then be used to determine when something of interest is happening in the system's field of view. Once something like a cloud, dust storm, dust devil, or maybe even a moon passes within the field of view of the camera, SPARC will power on and record the event. It will then send the video, along with associated pressure and temperature readings, to the Mars One Lander to be sent back to Earth. Once the data has been returned to Earth, planetary scientists from around the world can use the footage to begin the process of characterizing Martian weather patterns, improving the quality of life of future Mars

For more information please visit <http://studentorgs.engineering.asu.edu/sdsl/sparc/>

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