PRESS RELEASE
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NÜVÜ CAMĒRAS ON ITS WAY TO SPACE

MONTREAL, Canada, June 7th, 2016 – Nüvü Camēras is proud to present its latest exclusive feature: the passive heat dissipation of its controller, CCCP (CCD Controller for Counting Photons), the secret behind Nüvü Camēras' ultimate EMCCD imaging performance which expands the frontiers of detection in near complete darkness. The cooling innovation dissipates emitted heat without the use of air, an essential requirement when air is absent from the environment or when access to air circulation is limited. This innovation is critical in order for CCCP to be integrated as an enhanced imaging solution in future space missions.

The opportunities arising from this innovation not only respond to the needs of the space industry but also those of the biomedical sector, already served by Nüvü Camēras. Nüvü™'s EMCCD cameras not only enable qualitative diagnostics but also quantitative ones, to better fulfill modern medical requirements Nüvü Camēras' ultra sensitive EMCCD technology pushes limits further in biomedical research and its passive heat dissipation feature enables the integration of its cameras into closed and compact systems. The innovation spurred by space exploration, pioneers new developments in EMCCD cameras to benefit human lives through hospital centers' systems.

With its competitive format and performance advantage, driven by the needs of astronomy, Nüvü Camēras is advancing towards a higher technology readiness level (TRL), imperative to the development of a space-grade product, while seizing cross-functional integration opportunities for its technology. The technological development roadmap towards space-qualification has been layed out for the Canadian Space Agency and a TRL-5 version of CCCP is already in the design phase thanks to Canadian Space Agency support. With the goal of integrating a future major space mission, TRL-5 CCCP will be designed for space use and characterized under relevant conditions for optimization to this new environment. Nüvü Camēras' space technology has the potential to revolutionize the imaging of exoplanets, asteroid research and space debris monitoring.

Canadian EMCCD technology is renowned internationally for its unrivalled imaging sensitivity, for ground and, soon, for space-based applications. Thanks to the support of the Canadian Space Agency and its partners in the space industry, Nüvü Camēras is on its way to space.

About Nüvü Camēras
Founded and based in Montreal since 2010, Nüvü Camēras is a world leader in the field of ultra-sensitive EMCCD products. The company designs, manufactures and commercializes cameras for markets such as astronomy and biomedical sciences.

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