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INSTRUMENTS AVAILABLE TO UrbObsBel

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Urban Observatory of Belgrade (UrbObsBel) is a project hosted by Astronomical Observatory of Belgrade. Our main aim is to study, applying well-tested astronomical techniques, light pollution and dynamical processes of the Serbian capital, Belgrade. Our observations will provide valuable information on energy usage distribution that has a high impact on the environment and ecosystems. We already mounted or plan to mount several observational instruments covering spectral range from visible (400 nm) to infrared (13 micron), and use both broadband and hyperspectral imaging systems in our synoptic study. Apart from study of the urban dynamics we intend to use several instruments aimed at the study of sky brightness and various sources of sky pollution such as street lights. This would be achieved mounting identical instruments at Astronomical Observatory of Belgrade (AOB) and at our Astronomical Station at Vidojevica (ASV). Until now we have acquired the following equipment: Web and file server, TESS-W photometer, Unihedron Sky Quality Meter, FLIR and AllSky Camera.