

Scintillator counter read out by SiPM (CPTA) has been developed for an underground experiment studying cosmic rays muon bundles. Performances of the scintillator counter are presented. Particular emphasis is made on the counter timing as well as SiPM recovery time and afterpulses. The results of extensive studies of SiPM produced by CPTA are given. Some comparisons between SiPMs and PMTs in such kind of application are discussed.