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## Muon telescope at large scintillation detectors with fiber optic readout.

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In this paper we give the structure, characteristics and the first observational data muon detector area of  $2 \times 2$  m<sup>2</sup>. As a particle counter is used fiber optic scintillation detectors 1 m<sup>2</sup> and 1 cm thick with light collection fibers, pasted in the regular order in the scintillation plate. The detector is combined with a neutron monitor, 10 cm of lead which is used for the absorption of the soft component of the secondary cosmic radiation. The total number of allocated independent areas are 9. Described also developed data acquisition system MARS-10C2 based on programmable logic, integrated with the data selection system on the double coincidence, which allows to simplify the number of communication links.

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