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## **An Efficient, Compact and Versatile Camera for Fast Neutrons**

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With the support of an international agency, NeutronOptics Grenoble has developed a compact neutron camera for fast neutron tomography using a PSI/RC-TriTec PP scintillator. This scintillator can be exchanged in-situ for thermal neutron or gamma scintillators to test for these beam components. The FOV with a cooled 16-bit 1" Sony CCD is 125x100 mm or 85x70 mm with 2750x2200 pixels and up to 8x8 binning. Newport MicroControle (France) mechanics for tomography are synchronised with the camera using simple \*.bat Windows scripts. The L-shaped periscope design allows good radiation protection, and simplicity and low repair cost mean that inexperienced students can use the camera with minimal supervision.

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