

CMS/CMS4 Series : Snapshot Multispectral Cameras (Technology, Features and Applications)

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Abstract: SILIOS Technologies is involved in micro-optics for 20 years. The company is taking benefit from this expertise to develop know-how in the manufacturing of multispectral filters and their hybridization on CMOS imagers for 10 years. The two first commercial series of multispectral cameras, the CMS and CMS4 Series are commercially available respectively since 2016 and 2019. The talk will present a short reminder of the technology and of the features of the CMS and CMS4 Series. Then it will show the flexibility and efficiency of such multispectral solution through several applications in the field of precision agriculture, waste sorting and defense.



CMS/CMS4 Series :
the SILIOS multispectral world