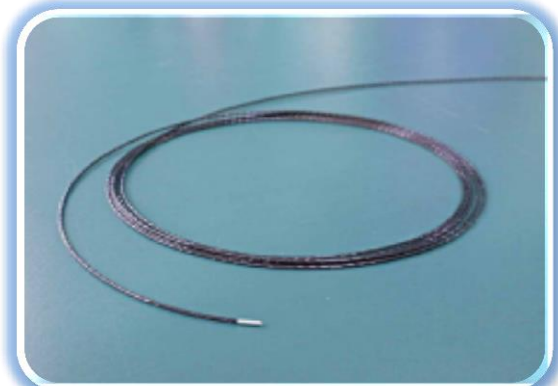


NEW 160K pixel CIS module datasheet

1. Summary

Preliminary data for Fujikura's NEW 160,000 pixel CMOS image sensor module.



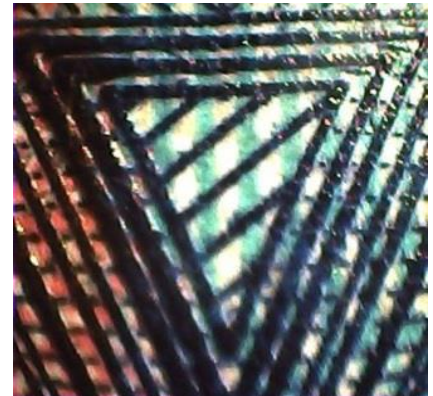
2. Exemplary Pictures



a. A €20 note



b. A segment of a €20 note at 5mm Working Distance



c. A segment of a €20 note at 3mm Working Distance

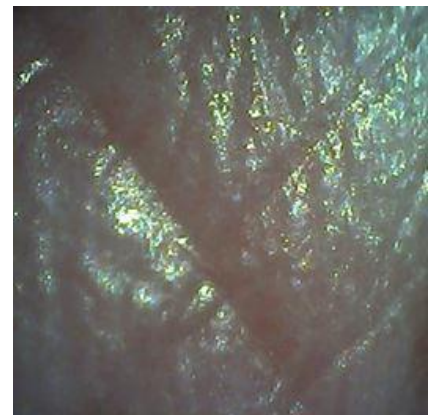
Photos of skin



10mm Working Distance



5mm Working Distance



3mm Working Distance

3. Key Parameters

Dimensions

Items	Values
Distal end rigid portion length	5 mm
Distal end diameter	φ1.60 mm
Material of the harness outer jacket	ETFE
Harness length and diameter	Typical 2000 mm & max φ0.9 mm
Effective pixel number	400 x 400 (160,000 pixels)
Frame rate	30 fps

Optical Characteristics

Items	Values
Field of view (diagonal, in air, nominal)	90°
Working distance (nominal)	5mm
Depth of field	3 - 50mm
Distortion (in air)	≦25%

Datasheet subject to change without notice. For additional information, contact

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