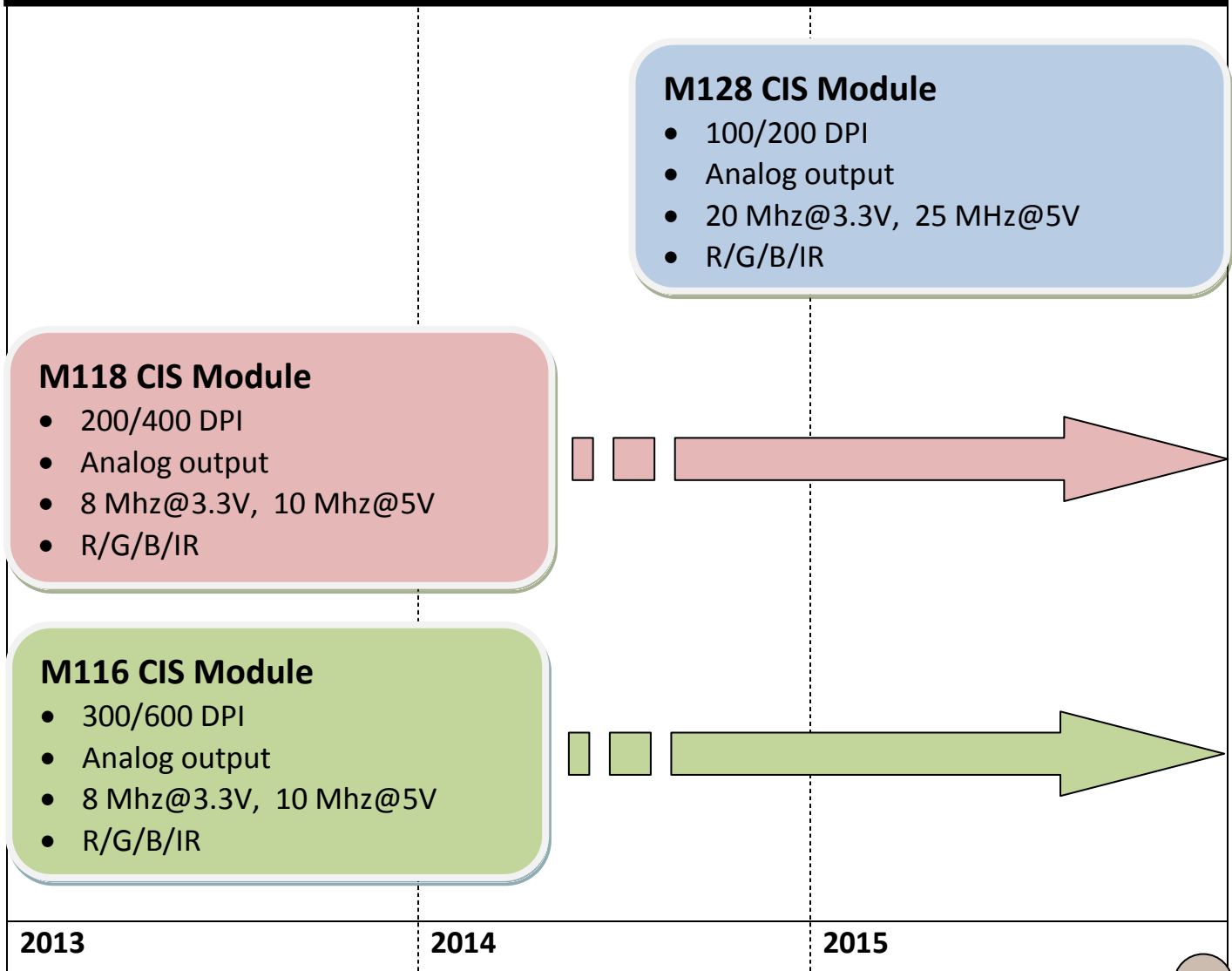


Roadmap of CISM for Currency Detection



CMOS Sensor designs and manufactures high quality electro-optical image acquisition solutions to support applications in IP/surveillance, color imaging, space imaging, industrial inspection and counterfeit detection.

Our CISM's have high performance in MTF, uniformity with low noise and power. Using our own sensor ICs, we are expert in providing standard and customized CISM's with great satisfaction for both detection and imaging of currency and ID cards.

More information at www.csensor.com; Email your inquiry to harbor@csensor.com

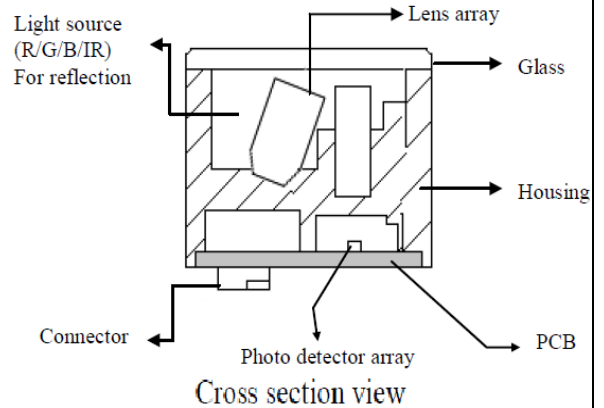
Model#	M116 Series	M118 Series	M128 Series
Scan Length (mm)	24 ~ 312	24 ~ 216	33 ~ 201, 218, 235
Resolution	300/600	200/400	100/200
Clock Rate (MHz)	10 (Max)	10 (Max)	25 (Max)
Analog Output	1 ~ 6	1 ~ 6	1 ~ 4
Light Source	R,G,B,IR x1 R,G,B,IR x2	R,G,B,IR x1 R,G,B,IR x2	R,G,B,IR x1 R,G,B,IR x2
Module Dimension (LxWxH; mm)	Standard & Custom	Standard & Custom	Standard & Custom
Application	Currency Detector, Check Reader, Coin Reader Passport Reader, ID Card reader Lottery Terminal, Card Reader, Ticket Reader ATM, Kiosk, Ballot		

Standard Contact Image Sensor Modules for Currency Detection:

Model #: M128V-184CI3

Features:

- Resolution : 200/100 dpi
- Scan length: 184 mm
- Scan Speed: 38us/ line-color
- Light Source: Red, Green, Blue & Infrared
- Low Power Supply: 3.3V
- Video output: 3 channel



Model #: M118V-A6RGBI1

Features:

- Resolution: 400/200 dpi
- Scan length: 108 mm
- Scan Speed: 220us/line-color
- Light Source: Red, Green, Blue & Infrared
- Low Power Supply: 3.3 V
- Video output: 1 channel

