SPECIM
SPECTRAL IMAGING

Harness The Benefits Of Hyperspectral Imaging With

SPECIM FX10

Hyperspectral Camera That Meets The Industrial Needs

FAST OPTICS

HIGH SENSITIVITY
Enables good signal with short integration times

HIGH SIGNAL TO NOISE RATIO
Enables better detection accuracy on high speeds

FLEXIBILITY

Free wavelength selection from 220 bands within the camera coverage

SMALL SIZE

Much smaller footprint than traditional hyperspectral cameras

85 mm
71 mm
150 mm

HIGH SPEED

More FPS than you ever need

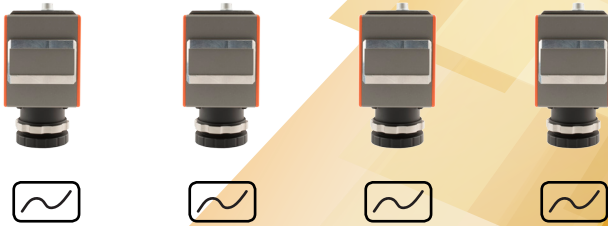Example 1: Full range (220 bands) selected = 330 FPS

Example 2: Range of 20 bands selected = 2830 FPS

Example 3: Three specific regions selected (5 bands) = 6510 FPS

PLUG 'N' PLAY

Every Specim FX unit gives identical results

INTEGRATION

Acquisition software & SDK: LUMO Toolkit
Camera interface: CameraLink or GigE Vision

GEN<i>CAM

GigE VISION

CAMERA Link

Spectral Range	400 – 1000 nm
Spectral Bands	220
Spectral FWHM	5.5 nm
Spatial Sampling	1024 px
Frame Rate	330 FPS full frame 9900 with 1 band selected
FOV	40˚
F-number	F/1.7
Camera SNR (Peak)	600:1
Camera Interface	CameraLink GigE Vision (coming at the end of 2016)
Weight	1.4 kg
Dimensions	150 x 85 x 71 mm

Integrated shutter and order blocking filter

WWW.SPECIM.FI/FX