

FX10

FX10 Series

FX10



- VNIR 400-1000 nm with up to 224 freely selectable spectral bands
- Up to 327 FPS, 1024 spatial pixels, 12-bit dynamics, SNR 420:1
- Built-in AIE with uniform spectral calibration, smile/keystone correction
- GigE Vision and CameraLink, GenICam compatible, 12V DC
- CE, RoHS, IP52, passive cooling, operating temperature +5 to +40°C

PRODUCT DESCRIPTION

The Specim FX10 is a compact hyperspectral VNIR camera for industrial quality control and laboratory analysis with up to 224 spectral bands in the range of 400-1000 nm.

Specim FX10 – Hyperspectral VNIR Camera

The Specim FX10 is a compact hyperspectral line scanner camera for industrial and laboratory environments, operating in the visible and near-infrared (VNIR) range of 400-1000 nm.

With 1024 spatial pixels and up to 224 freely selectable spectral bands, the camera provides precise, real-time material analysis and quality control for food, agriculture, printing and display inspection applications.

TECHNICAL DATA

5156_Pixel size min (µm)	9,97
Approvals	CE, RoHS
Fan	No
Frame rate max	327 fps
Height	71 mm
Input voltage	12 V DC (±10%)
IP class	IP52
Length	150 mm
Lens barrel	Custom mount
Line speed max	0.3 kHz
Operating humidity	5–95% (icke-kondenserande)
Operating temperature	+5 ... +40°C (icke-kondenserande)

Pixel size min	9.97 μm
Power consumption	4 W
Resolution max	1024 spatiala pixlar
Sensor length	10.2 mm
Sensor Type	CMOS
Storage temperature	-20 ... +50°C (icke-kondenserande)
Supply voltage	12 V
Supply voltage dc max	13.2 V DC
Supply voltage dc min	10.8 V DC
User interface	CameraLink, GigE
Wavelength	400–1000 nm
Weight	1.3 kg
Width	85 mm