



TORONTECH



HIGH SPEED HYPERSPPECTRAL SORTING SYSTEM: FS- 18/19

High Speed Hyperspectral Sorting System: FS-18/19 built for industrial sorting applications.

This advanced line scan camera meets the high-speed scanning demands of industrial use, thanks to its high-frequency capabilities. With a sturdy construction and a compact design, it offers increased flexibility for various installation setups.

High Speed Hyperspectral Sorting System FS-1819

APPLICATIONS

Application fields

High Speed Hyperspectral Sorting System: FS-18/19

FEATURES

- Spectral range: 900-1700nm
- Imaging speed: up to 1480fps
- Spectral resolution: 6nm
- Suitable for all environments
- Supports multiple regional ROIs
- Includes hyperspectral image processing software

TECHNICAL SPECIFICATIONS

Model number	FS-18(Short-wave Infrared SWIR)	FS-19(Short-wave InfraredSWIR)
Lighting mode	Passive lighting (without light source)	
Spectroscopic method	Grating	
Spectral range	900-1700nm	
Spectral band	512	256
Spectral resolution (FWHM)	6nm	
Slit width	25um	
Transmission efficiency	> 60%	
Stray light	< 0.5%	
Number of spatial pixels	640	
Pixel size	5um	15um
Imaging speed	740fps	1480fps
Probe	InGaAs	
SNR(Peak)	600/1	
Camera output	Cameralink	
Camera interface	C-Mount	
Attachment	Lens, USB cable, power supply	
ROI	Individual region	



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