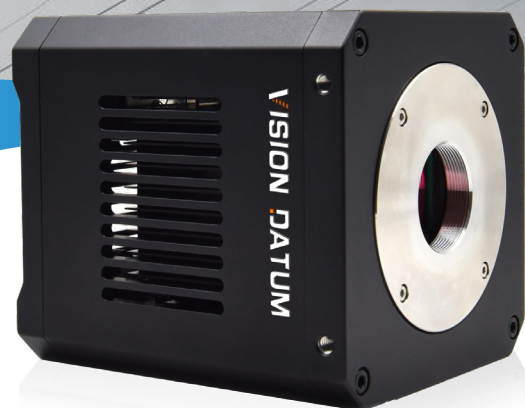




ULTRAVIOLET CAMERAS COLLECTION

iBoost X Series

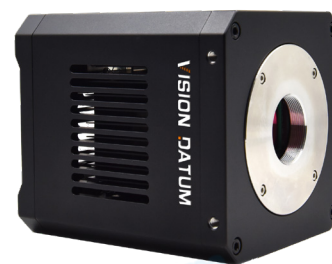
- ⦿ Multiple Resolutions from 0.5MP to 8MP
- ⦿ USB3.0 / CameraLink Optional
- ⦿ Exceptional UV Responsivity, Ultra-Low Dark Current
- ⦿ Diverse UV lenses options—premium quality, competitive cost



Ultraviolet (UV) Camera

► Main Features

- High-performance UV imaging solutions covering 200–1000nm spectrum
- Resolution range from 0.5MP to 8MP for versatile applications
- Ultra-low dark current & wide dynamic range for clean, detailed images
- Full spectrum coverage from Visible to NIR



► Applications



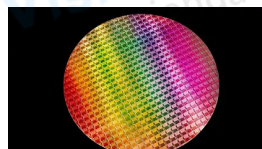
Energy Supply



Disposal and Recycling



Life Science and Medicine



Inspection of Silicon Wafer



Food and Agriculture

Model	Sensor	Resolution (H×V)	Frame Rate (FPS)	Sensor Size	Pixel Size (μm)	Dynamic Range(dB)	Exposure Time	Color	Shutter	Interface	Mount
iBX-UVU50M	GLUX1605BSI	800 × 600	60	1"	16	84	27us~60s	M,UV	Rolling	USB 3.0	C
iBX-UVU130M	GLUX9701BSI	1280 × 1024	30	1"	9.76	79.9	63us~60s	M,UV	Rolling	USB 3.0	C
iBX-UVU420M	GSENSE2020BSI	2048 × 2048	32	1.2"	6.5	81.6	21us~60s	M,UV	Rolling	USB 3.0	C
iBX-UVU400M	GSENSE400BSI	2048 × 2048	37	2.0"	11	68.1	21us~60s	M,UV	Rolling	USB 3.0	C
iBX-UVU800M	IMX487-AAMJ	2840 × 2840	45	2/3"	2.74	71.2	30us~15s	M,UV	Global	USB 3.0	C
iBX-74UUVVC410M	GSENSE2020BSI	2048 × 2048	100	1.2"	6.5	65.58	012μs~1h	M,UV	Rolling	CameraLink	C
iBX-100CUVC410M	GSENSE2020BSI	2048 × 2048	74	1.2"	6.5	65.58	012μs~1h	M,UV	Rolling	USB 3.0	C

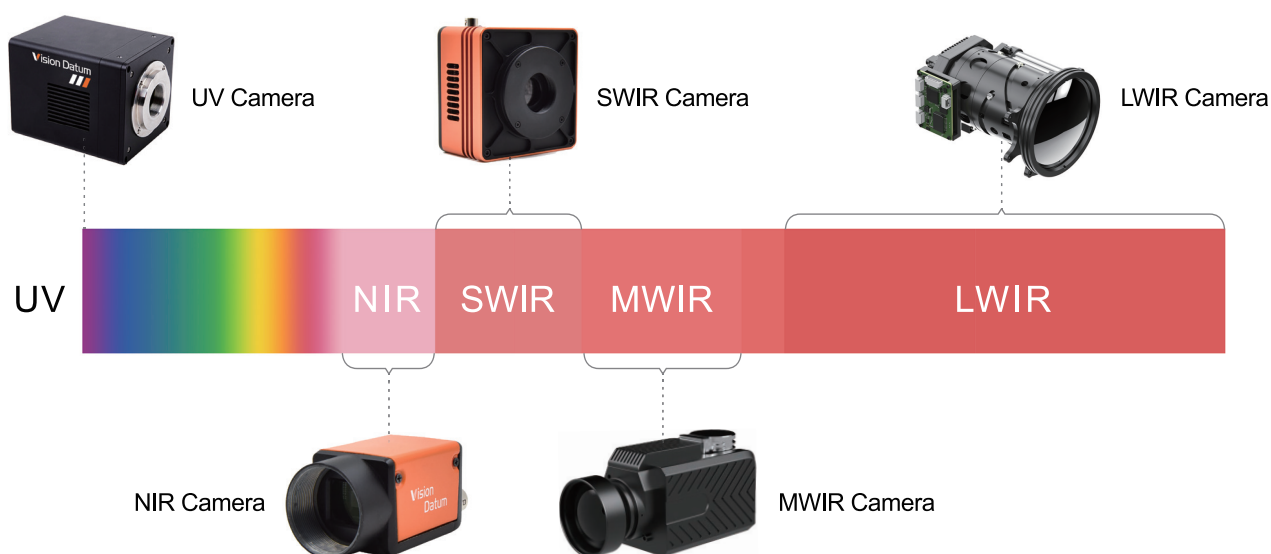
Ultraviolet (UV) Lenses

- Specifically optimized for deep UV wavelengths
- Rigid mechanical structure with UV-grade stability
- Anti-reflection and anti-degradation UV coatings
- Outstanding optical consistency and precision alignment

Model	EFL(mm)	Aperture(F#)	Sensor Size	Back Focus(mm)	Mount	Resolution
VT-LEN2520UV-MP8	25	2.0-11	2/3"	6.6	C-Mount	180lp/mm (8MP)
VT-LEN2528UV	25	2.8	2/3"	12.45	C-Mount	100lp/mm (2MP)
VT-LEN2528UV-MP8	25	2.8	2/3"	11.84	C-Mount	180lp/mm (8MP)
VT-LEN3528UV-MP8	35	2.8	2/3"	12.12	C-Mount	180lp/mm (8MP)
VT-LEN5028UV-MP8	50	2.8	2/3"	12.39	C-Mount	180lp/mm (8MP)
VT-LEN5030UV	50	3.0	2/3"	26.5	C-Mount	100lp/mm (2MP)
VT-LEN7528UV-MP8	75	2.8	2/3"	12.01	C-Mount	180lp/mm (8MP)
VT-LEN7538UV	75	3.8	2/3"	47.32	C-Mount	100lp/mm (2MP)
VT-LENF7838UV	78	3.8	35mm Image Circle	74.6	F-Mount	-
VT-LENF8528UV	85	2.8	25mm Image Circle	43.34	F-Mount	65lp/mm

VISION DATUM

Machine Vision Expert



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