



SWIR CAMERAS

UV CAMERA GH-UV800-GigE



FEATURES

GH-UV800-GigE

- Spectral Response 0.2-0.4μm
- 8M Resolution
- GigE Interface

Type	GH-UV800-GigE
Sensor	Sony UV CMOS IMX 487-
Format	2856 x 2848
Spectral Range	0.2μm ~ 0.4μm
Pixel Pitch	2.74μm
Image size	2/3"
Max. frame rate	14Hz
Gain	30 Times
Shutter time	0.023ms ~ 3000ms
Pixel depth	8/12bit
Pixel format	Mono 8/10 Bayer 8/10
Binning	Support 1×1, 2×2
Frame buffer	128M Bytes
User parameter area	4K Bytes
Collection method	Continuous / soft trigger / hard trigger
Data interface	GigE @ 1Gbps
Transmission distance	100m
Digital I/O	6 pin connectors for power supply, I/O: 1 optical-coupling isolated input, 1 optical-coupling isolated output
Power supply	12 VDC
Power consumption	< 3.0 W @ 12 VDC
Dimensions	29mm x 29mm x 43mm (No lens)
Lens mount	C-mount / CS-mount
IP Rating	IP30
Weight	66g
Temperature	Operating Temp 0°C~ 50°C / Storage Temp -30°C~ 70°C
Humidity	20% ~ 80% RH No Condensation
Driver	DirectShow / Twain / Halcon / OCX supported
Software	Compatible with Halcon / OpenCV / LabView / Matlab
Programmable language	C/C++, VB6, VB.net, Delphi6, C#, QT, C++Builder, LabView, Python
Operating system	Windows, Linux, Android, MacOS
Protocol	GigE Vision

Technical data are subject to change without notice