

Cameras for UAVs and Gimbals

Compact size – superior performance – optimum flexibility



▷ Block and Board Cameras

- Light weight (from 26–470g)
- Low power consumption
- Fast autofocus
- Optical zoom up to 55x
- Full HD and 4K options
- Rolling and global shutter models
- Advanced camera functions
- Customization available



Harrier AF-Zoom Block Cameras

A whole range of cameras and options guarantees flexibility

▷ Full HD cameras



▷ 4K cameras



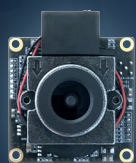
▷ Harrier camera interface technology extends the possibilities



- Video output formats available: Ethernet IP, USB 3 (UVC), HDMI, 3G-SDI and MIPI CSI-2
- Output options available for Sony FCB-EV9500L and -EV9520L, Tamron MP3010M-EV and Harrier AF-Zoom cameras
- Text and graphical overlays possible

Oriole HD-SDI Board Cameras

- Switchable IR-cut filter
- 32mm x 32mm x 10mm



- Global shutter sensor
- 3x optical zoom



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	Optical Zoom	Resolution	Weight approx. (g)	Size (mm) L x W x H	Video Interface	Additional Information
Block Cameras						
Harrier 10x AF-Zoom Camera	10x	1920 x 1080	112 (max. 176)	62.4 x 43 x 44 (max. 62.4 x 56 x 45.5 [USB/HDMI] or 86 x 52 x 47 [IP PoE])	1) LVDS, EX-SDI, CVBS; 2) 3G/HD-SDI, CVBS, HD-VLC; 3) Ethernet IP, WiFi; 4) USB 3, HDMI; 5) HDMI	
Harrier 10x AF-Zoom SDI Camera	10x	1920 x 1080	112	62.4 x 43 x 44	3G/HD-SDI, EX-SDI, HD-TVI, CVBS	
Harrier 10x AF-Zoom based on Tamron MP3010M-EV	10x	1920 x 1080	70 (max. 112)	59 x 33 x 43 (max. 82 x 39 x 43)	1) LVDS, HDMI, CVBS; 2) 3G/HD-SDI, HD-VLC, CVBS, HDMI; 3) Ethernet IP, WiFi, HDMI; 4) USB 3, HDMI	Tamron MP3010M-EV
Harrier 18x AF-Zoom HDMI 4K Camera	18x	3840 x 2160	293	97.9 x 50 x 62	HDMI, CVBS	4K video
Harrier 23x AF-Zoom IP 4K Camera	23x	3840 x 2160	316	98.5 x 52 x 62	Ethernet IP	4K video
Harrier 30x AF-Zoom based on Sony FCB-EV9520L	30x	1920 x 1080	239 (max. 284)	89.7 x 50 x 60 (max. 120 x 50 x 65.5)	1) LVDS; 2) 3G/HD-SDI, CVBS, HD-VLC; 3) Ethernet IP, WiFi; 4) USB 3, HDMI; 5) HDMI	Sony FCB-EV9520L
Harrier 30x AF-Zoom based on Sony FCB-EV9500L	30x	1920 x 1080	439 (max. 484)	125 x 56 x 64 (max. 165 x 56 x 65.5)	1) LVDS; 2) 3G/HD-SDI, CVBS, HD-VLC; 3) Ethernet IP, WiFi; 4) USB 3, HDMI;	Sony FCB-EV9500L
Harrier 36x AF-Zoom Camera	36x	1920 x 1080	416 (max. 460)	124 x 55.6 x 64 (max. 153.5 x 55.6 x 65.5)	1) LVDS, EX-SDI, CVBS; 2) HD-SDI, CVBS, HD-VLC; 3) Ethernet IP, WiFi; 4) USB 3, HDMI; 5) HDMI	Global shutter sensor
Harrier 36x AF-Zoom SDI Camera	36x	1920 x 1080	416	124 x 55.6 x 64	HD-SDI, EX-SDI, HD-TVI, CVBS	Global shutter sen.
Harrier 40x AF-Zoom Camera	40x	1920 x 1080	355 (max. 397)	101 x 54 x 64 (max. 131 x 54 x 65.5)	1) LVDS, CVBS; 2) 3G/HD-SDI, CVBS, HD-VLC; 3) Ethernet IP, WiFi; 4) USB 3, HDMI; 5) HDMI	
Harrier 52x AF-Zoom IP Camera	52x	1920 x 1080	930	177.5 x 72 x 78	Ethernet IP	
Harrier 55x AF-Zoom Camera	55x	1920 x 1080	355 (max. 397)	101 x 54 x 64 (max. 131 x 54 x 65.5)	1) LVDS, CVBS; 2) HD-SDI, CVBS, HD-VLC; 3) Ethernet IP, WiFi; 4) USB 3, HDMI; 5) HDMI	55x optical hybrid zoom
Board Cameras						
Oriole 3x AF-Zoom SDI Board Camera	3x	1920 x 1080	108	42 x 42 x 15	HD-SDI, EX-SDI, CVBS	Global shutter sen.
Oriole HD-SDI Board Camera	M12 fixed lens	1920 x 1080	26	32 x 32 x 10	HD-SDI, EX-SDI, CVBS	

Assemblies with camera interface boards alter slightly in dimensions and weight; max. weight and dimensions refer to modules with IP Ethernet output.

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