

HARRIER IP CAMERA INTERFACE SYSTEM

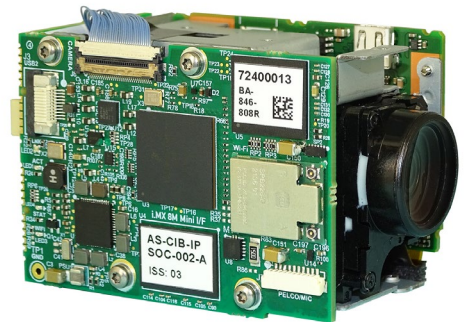
For LVDS AF-Zoom Block Cameras



- IP interface board for Tamron, Sony, Harrier and other AF-Zoom cameras
- Low latency H.264 1080p60 video over IP
- Supports ONVIF/RTSP/RTP/VISCA/Pelco-D
- Options for wireless IP and PoE support

FEATURES

- Supports Tamron, Sony FCB-EV-series, Harrier 10x, 36x, 40x and 55x AF-Zoom cameras and other LVDS cameras.
- Support for H.264 IP/RTSP 1080p60/30 low latency video.
- ONVIF Profile S for control of video stream and camera.
- Direct (VISCA) camera control over RS-485 or IP (Software API).
- RS-485 serial port for interfacing to other devices (e.g. camera pan & tilt).
- Built-in website for setup and configuration.
- Graphical overlay support (text and images).
- Support for mono audio input.
- Evaluation kit for fast set-up and evaluation.
- Two board system: Camera interface board (SoC board) plus Ethernet/PoE connection board.



HARRIER IP CAMERAS



(a)



(b)



(c)

Examples of Harrier IP camera options: Harrier IP Camera Interface Board (SoC) + Harrier Ethernet or PoE Connection Board mounted on various cameras: (a) 10x Tamron MP3010M-EV camera: SoC board on the side, Ethernet connection board on the back (Wi-Fi system see main image) (b) Ethernet system with 30x Sony FCB-EV9520L (c) PoE system with Harrier 55x AF-Zoom Camera

Harrier IP Interface System AS-CIB-IP-00x-A			
AS-CIB-IP-001-A	AS-CIB-IP-SOC-001-A, AS-CIB-IP-IFETH-001-A and FFC cable. (Ethernet)		
AS-CIB-IP-002-A	AS-CIB-IP-SOC-002-A, AS-CIB-IP-IFETH-001-A and FFC cable. (Wi-Fi)		
AS-CIB-IP-003-A	AS-CIB-IP-SOC-001-A, AS-CIB-IP-IFPOE-001-A and FFC cable. (PoE)		
AS-CIB-IP-004-A	AS-CIB-IP-SOC-002-A, AS-CIB-IP-IFPOE-001-A and FFC cable. (Wi-Fi+PoE)		
Specifications			
Video input	LVDS video signals; 1080p30 (single LVDS mode) or 1080p60 (dual LVDS mode).		
Video res./ rate	1080p 60/30 fps, 720p 50/60		
Video compression	H.264		
Camera control	ONVIF profile S, VISCA (via Ethernet [ONVIF DeviceIO service] or RS-485)		
Protocol support	ONVIF Profile S, IPv4/v6, HTTP, HTTPS, RTSP, RTP, TCP, UDP, RTCP, ICMP, DHCP		
Wireless protocols	802.11 a b g n and ac; Dual 2.4 and 5GHz bands		
Audio	Mono microphone		
Website	The Harrier IP Camera Interface Board hosts an administration website.		
Software	The Harrier IP Example Software shows how to use ONVIF Media and DeviceIO services to add on screen graphical/text overlays and support VISCA communication with the camera.		
Evaluation kit	AS-CIB-IP-001-EVAL-A; power supply, adapter cables, 2x antennas.		
Harrier Camera Interface Board AS-CIB-IP-SOC-001-A or AS-CIB-IP-SOC-002-A		Harrier Ethernet and PoE Connection Board AS-CIB-IP-IFETH-001-A or AS-CIB-IP-IFPOE-001-A	
Dimensions	58.1mm x 40.5mm.	Dimensions	32.8mm x 40.5mm
Weight	12g (without cables)	Weight (boards)	Ethernet: 5.5g, PoE: 15g
Power Supply	9V to 16.5V	Power Supply	9V to 16.5V or 48V/12W (PoE)
Power Consumption	1.9 – 2.1W (typical 1080p30) 2.6 – 2.8W (typical 1080p60)	Power Consumption	Ethernet: 0.0W PoE: ~15% load power (max. 1.8W)
Storage Temp.	-20°C to +70°C	Storage Temp.	-20°C to +70°C
Operating Temp.	0°C to +60°C	Operating Temp.	0°C to +60°C
Relative Humidity	10% to 90% non-condensing	Relative Humid.	10% to 90% non-condensing

A range camera options and custom builds are available, please contact Active Silicon for more information.

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