



CAMERA



EYESIGHT

TOYGAR

UAV CAMERA



HIGH
PERFORMANCE
IN LOW LIGHT



LATEST
GENERATION
CMOS SENSOR



WIDE
VIEWING
ANGLE



COMPACT AND
LIGHTWEIGHT



ERGONOMIC

TOYGAR

UAV CAMERA

GENERAL FEATURES

The TOYGAR – Ultra Low Light Wide Angle Color Camera represents latest generation of Ultra Low Light Video Cameras. This camera delivers unprecedented image quality and performance, exceptional light sensitivity, 3D Noise Reduction, Real Wide Dynamic Range & Dead Pixel Correction. The Deep Seen – Ultra Low Light Camera offers a significant improvement over its predecessor with extremely low noise levels throughout the Real Wide Dynamic Range.



TECHNICAL SPECIFICATIONS

Sensor	1/2.8" CMOS Image sensor	ONVIF	ONVIF2.4
Focus Type	Fixed focus	Lens	4.2 mm F#1.0
FOV	115°, 145° (Optional)	Network	TCP/IP, HTTP, DHCP, UDP, RTP, RTSP, ARP, DDNS, DNS, HTTPS, P2P
Resolution	2MP	Power	12-32 VDC, Typ. 12 VDC@0.2A
Pixel size	4 µm x 4 µm	Housing	Aircraft Aluminium
SNR	>76dB	Front Glass Heater	Support
Min. Illum.	Full Color @ 1mlux	Anti-Fog	Support
Gain Control	Auto/Man	Waterproof	IP67
FPS	30Hz	Dimensions	80x53x53 mm
AWB	Support	Connector	D38999/23YA35PN, hermetically sealed
AE	Support	Weight	~240g
R-WDR	Support (Detailed Image when flying against the sun)	Operating Temperature	-32°C - +55°C
Video Compression	H265/H264, MJPEG		
Bit Rate	CBR, VBR 32Kbps~10Mbps		