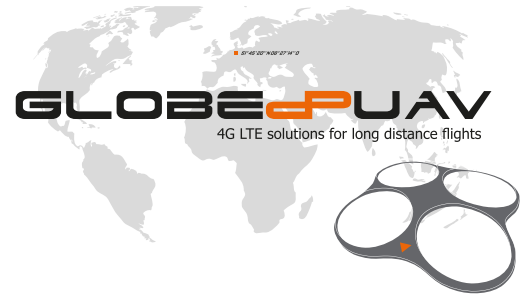


GLOBE-UAV GMBH

BOIKWEG 24 . 33129 DELBRÜCK . GERMANY

PHONE +49 2944 48 996 0

INFO@G-UAV.COM . G-UAV.COM



## TECHNICAL DATA



GIMBAL SYSTEM <b>DISCOVERY</b>	SPECS
<b>FEATURES</b>	
NUMBER OF AXES:	3
ROTATE RANGE:	PITCH: ±90° ROLL: ±45° YAW: ±150°
ANGLE AMOUNT OF JITTER:	PITCH AND ROLL: ±0.02° YAW: ±0.03°
<b>VIDEO CAMERA</b>	
VIDEO TRANSMISSION (RESOLUTION @BPS):	1920 x 1080 @ 30 - 1080p FULL HD
	1280 x 720 @ 30 - 720p HD
RECORDING IN UAV:	1080p FULL HD
SUPPORTED FORMATS:	VIDEO: MP4
SENSOR SIZE:	1/2.9" 2.13MP CMOS
OPTICAL ZOOM AND FOCAL LENGTH:	10x , 4.7-47MM
LOW ILLUMINATION:	0.05LUX@F1.6
APERTURE:	F 16.0
AUTO OBJECT TRACKING:	INTEGRATED
<b>THERMAL CAMERA</b>	
RESOLUTION AND FOCAL LENGTH:	640 x 480, 25HZ, 25MM
WORKING SYSTEM:	UN-COOLED LONG WAVE (8µm ~ 14µm)
PIXEL SIZE:	17µm
NETD:	≤ 50mK (@25°C)
DIGITAL ZOOM:	1x UP TO 4x
WEIGHT SYSTEM COMPLETELY (G):	750

## UAV SYSTEMS

### COMPATIBILITY



GUAV 4	GUAV 8	GUAV 4L	GUAV 8L
<input type="checkbox"/> PICA	<input type="checkbox"/> IXON	<input checked="" type="checkbox"/> AQUILA	<input checked="" type="checkbox"/> CEPTOR

4G LTE HIGH SPEED COMMUNICATION WITH UNLIMITED RANGE

(MISTAKES OR TECHNICAL MODIFICATIONS UNDER RESERVE.)