

# Kite 75

PAYLOAD OPTIONS



## POWERFUL STABILIZED MICRO CAMERA GIMBALS

- ❖ For our Kite 75 we offer a range of high sophisticated and field proven multi camera gimbals for commercial, industrial and security applications.
- ❖ Differences in zoom factor, image resolution and ultimately also weights, open up the selection of the optimal camera gimbal system for each application and various operating conditions.
- ❖ All EO/IR Camera Payloads for the Kite 75 are functional for day and night operations.
- ❖ The integrated zoom stabilization function drastically reduces the risk of camera shake.
- ❖ Additional functions such as object tracking, license plate recognition and other detection functions expand the range of applications of the Kite 75's EO/IR camera systems.



## MAIN FEATURES

- ✓ High Zoom factors
- ✓ Day and Night operation
- ✓ Geo Location / Inertial Navigation
- ✓ Object Detection & Classification
- ✓ Video Resolution: 720p / 1080p
- ✓ Video Compression: H264 / H265
- ✓ Object Tracking: Single / Multi Target
- ✓ Video streaming over IP
- ✓ KLV / MISB ST 0601 / STANAG 4609 Metadata
- ✓ EXIF Metadata
- ✓ Video Motion Detection
- ✓ Geo Referencing

# Kite 75

## PAYLOAD OPTIONS

Model	DE2x40	DE2x80	CO2x40	NHK2x40 -V	NHK2x40 -UZ	RAx80
						
<b>ZOOM VISABLE OPT / DIG</b>	x40 x20 / x2	x80 x40 / x2	x40 x20 / x2	x40 x20 / x2	x40 x20 / x2	x80 x40 / x2
<b>ZOOM THERMAL</b>	x4	N/A	x4	x4	x4	x8
<b>RESOLUTION THERMAL</b>	640x480px	N/A	640x480px	640x480px	1280x720px	1280x720px
<b>WEIGHT</b>	125g With options: 180g	140g	180g	320g	350g	640g
<b>DIMENSIONS</b>	L: 40mm W: 40mm H: 75mm	L: 40mm W: 40mm H: 75mm	Ø: 53mm H: 78mm	Ø: 66mm H: 94mm	Ø: 66mm H: 94mm	Ø: 90mm H: 120mm
<b>FOV</b>	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 1.5° NFOV - 0.75° DFOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 1.5° NFOV - 0.75° DFOV
<b>PITCH</b>	-45° to +135°	-45° to +80°	-45° to +90°	-45° to +135°	-45° to +135°	-45° to +80°
<b>YAW/ROLL</b>	360°	360°	360°	360°	360°	360°

# Kite 75

PAYLOAD OPTIONS



DE2x40

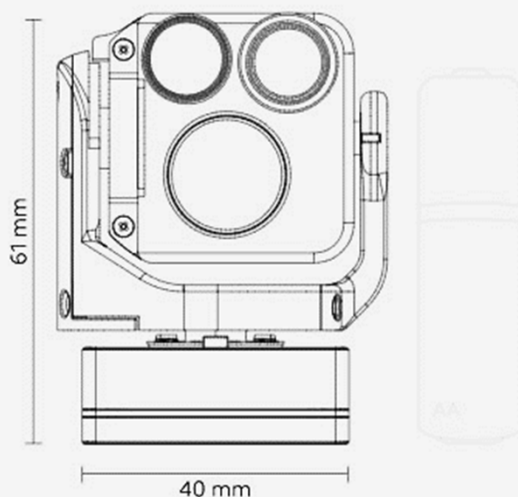
## SPECIFICATIONS

**ZOOM**  
X40 (X20 + X2 digital)

**FOV**  
60° WFOV – 3°  
NFOV – 1.5° DFOV

**THERMAL RESOLUTION**  
640 x 480

**PITCH FOR**  
-45° to +135°



**YAW/ROLL FOR**  
-180° to +180°

**WEIGHT**  
115 grams

**DIMENSIONS**  
40 mm x 40 mm x  
65 mm

# Kite 75

PAYLOAD OPTIONS



vectorbirds  
AIRBORNE SYSTEMS



DE2x80

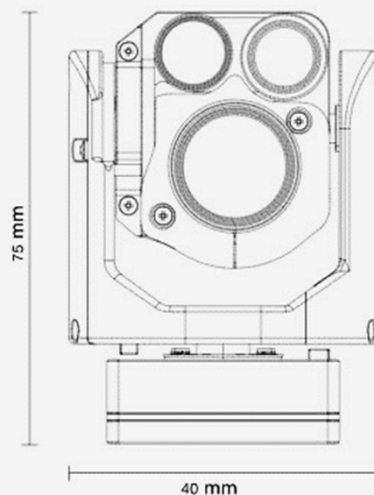
## SPECIFICATIONS

**ZOOM**  
X80 (X40 + X2 digital)

**FOV**  
60° WFOV – 1.5°  
NFOV – 0.75° DFOV

**THERMAL RESOLUTION**  
Day Only

**PITCH FOR**  
-45° to +80°



**YAW/ROLL FOR**  
0° to +360°

**WEIGHT**  
140 grams

**DIMENSIONS**  
L-40mm x W-40mm x  
H-75mm



# Kite 75

PAYLOAD OPTIONS



vectorbirds  
AIRBORNE SYSTEMS



**CO2x40**

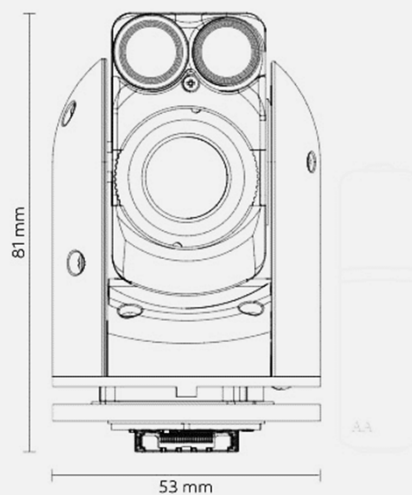
## SPECIFICATIONS

**ZOOM**  
X40 (X20 + X2 digital)

**FOV**  
60° WFOV – 3°  
WFOV – 1.5° DFOV

**THERMAL RESOLUTION**  
640 x 480

**PITCH FOR**  
-45° to +90°



**YAW/ROLL FOR**  
-180° to +180°

**WEIGHT**  
180 grams

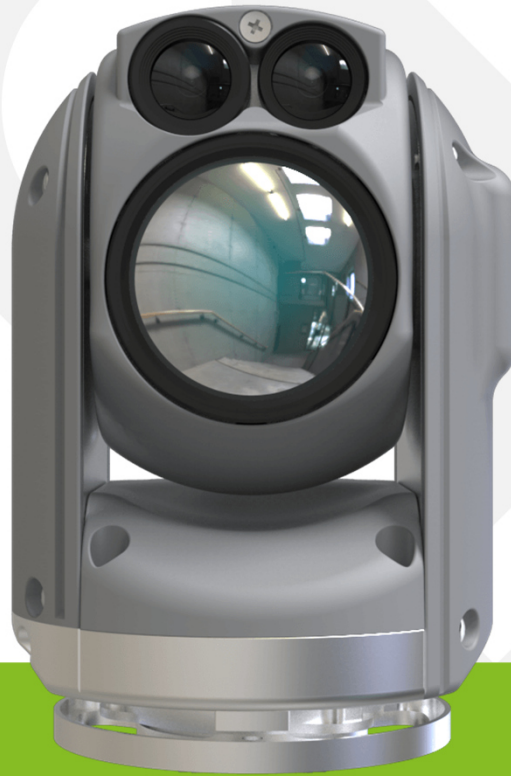
**DIMENSIONS**  
53mm [2.099"] x  
Height=81mm [3.2"]

# Kite 75

PAYLOAD OPTIONS



vectorbirds  
AIRBORNE SYSTEMS



## NHKx40-V

### SPECIFICATIONS

**ZOOM**  
X40 (X20 + X2 digital)

**FOV**  
60° WFOV – 3°  
NFOV – 1.5° DFOV

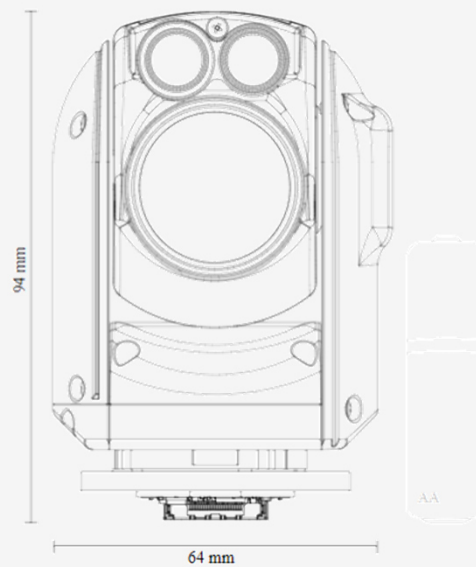
**THERMAL RESOLUTION**  
640 x 480

**PITCH FOR**  
-45° to +135°

**YAW/ROLL FOR**  
-180° to +180°

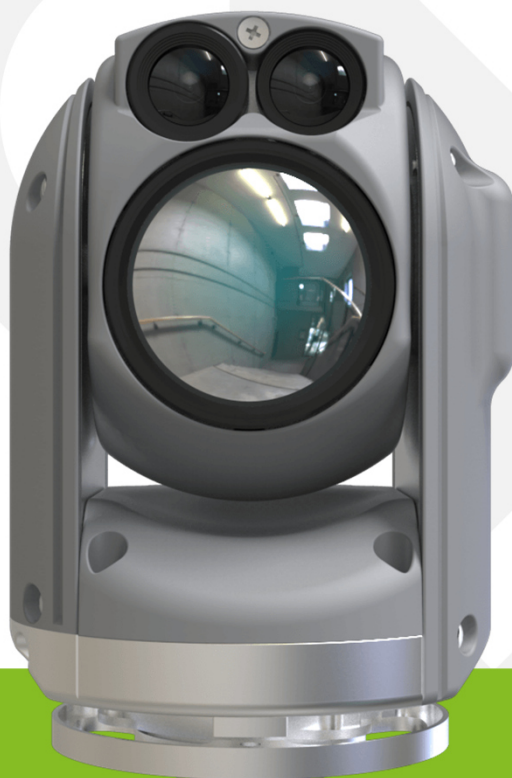
**WEIGHT**  
320 grams

**DIMENSIONS**  
D-64mm x H-94mm



# Kite 75

PAYLOAD OPTIONS



## NHKx40-UZ

### SPECIFICATIONS

**ZOOM**  
X40 (X20 + X2 digital)

**FOV**  
60° WFOV – 3°  
NFOV – 1.5° DFOV

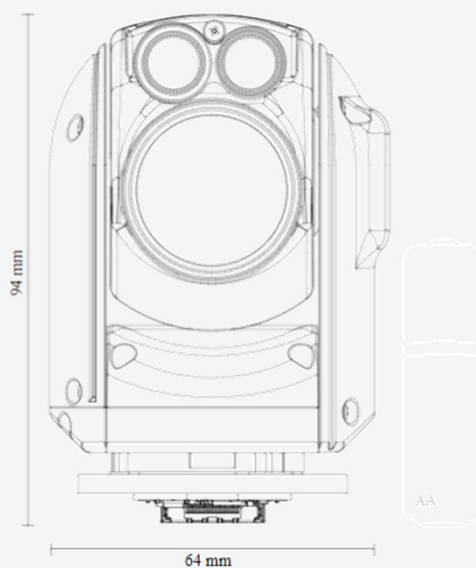
**THERMAL RESOLUTION**  
1280 x 720

**PITCH FOR**  
-45° to +135°

**YAW/ROLL FOR**  
-180° to +180°

**WEIGHT**  
350 grams

**DIMENSIONS**  
D-64mm x H-94mm





# Kite 75

PAYLOAD OPTIONS



vectorbirds  
AIRBORNE SYSTEMS



**RAx80**

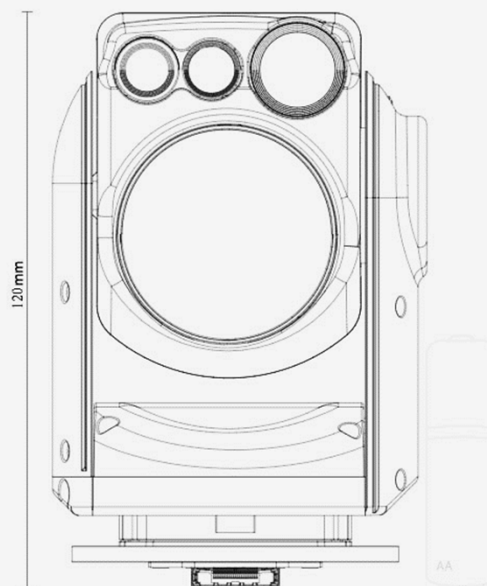
## SPECIFICATIONS

**ZOOM**  
X80 (X40 + X2 digital)

**FOV**  
60° WFOV – 1.5°  
NFOV – 0.75° DFOV

**THERMAL RESOLUTION**  
1280 x 720

**PITCH FOR**  
-45° to +80°



**YAW/ROLL FOR**  
0° to +360°

**WEIGHT**  
640 grams

**DIMENSIONS**  
D-90mm x H-120mm