

GIMBAL SERIES

HIGH PERFORMANCE SYSTEMS FOR GROUP 1, 2, 3 AND LE UAS



HD25-LV

HD25 CAMERA CONFIGURATIONS

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) |
|---------|-----------------|----------------------------|--------------------------------------|------------------------------------|---------------------------|
| HD25-XV | 350g 0.78lbs | 71 x 109mm 2.8 x 4.29in | Visible 1280 x 720 | 13.7°-4.6° -1.2° | 12X (3x+4x) |
| HD25-LV | 350g 0.78lbs | 71 x 109mm 2.8 x 4.29in | Visible 1280 x 720 LWIR 640 x 512 | 13.7°-4.6° -1.2° 24.1° - 12.15° | 12X (3x+4x) 2X (1x+2x) |



HD25-LV-C

HD25-LV-C CAMERA CONFIGURATION

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) |
|-----------|-----------------|----------------------------|--------------------------------------|-----------------------------------|---------------------------|
| HD25-LV-C | 390g 0.86lbs | 71 x 109mm 2.8 x 4.29in | Visible 1280 x 720 LWIR 640 x 512 | 13.7°-4.6° -1.2° 24.1° - 12.1° | 12X (3x+4x) 2X (1x+2x) |



HD40-LV-LP

HD40 CAMERA CONFIGURATIONS

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|---------|----------------|------------------------|--------------------------------------|-------------------------------------|----------------------------|-------|
| HD40-XV | 840g 1.9lbs | 98 x 151mm 4 x 6 in | Visible 1280 x 720 | 47.7° - 1.7° - 0.4° | 112X (28x+4x) | |
| HD40-LV | 650g 1.4lbs | 97 x 154mm 4 x 6 in | Visible 1280 x 720 LWIR 640 x 512 | 46.8° - 4.9° - 1.2° 18.2° - 9.1° | 40X (10x+4x) 2X (1x+2x) | LP |

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HD40-LVV

HD40-LVV CAMERA CONFIGURATION

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|----------|----------------|-------------------------|---|---------------------------------|-----------------------------|-------|
| HD40-LVV | 750g 1.7lbs | 102 x 152mm 4 x 6 in | Visible 1920 x 1080 LWIR 1280 x 1024 | 45° - 1.5° - 0.3° 18° - 4.6° | 180X (30x+6x) 4X (1x+4x) | LP |



HD45-LV-CZ

HD45 CAMERA CONFIGURATIONS

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|---------------|-----------------|------------------------------|--|--|-----------------------------|-------|
| HD45-LV-CZ | 1280g 2.8lbs | 134 x 197mm 5.28 x 7.75in | Visible 1280 x 720 LWIR 640 x 512 | 13.7° - 4.6° - 1.2° 29° - 5.9° - 3° | 12X (3x+4x) 10X (5x+2x) | LP |
| HD45-LV-CZ-GS | 1350g 3lbs | 133 x 197mm 5.24 x 7.75in | Visible 1280 x 720 (global shutter) LWIR 640 x 512 | 46.8° - 4.9° - 1.2° 29° - 5.9° - 3° | 40X (10x+4x) 10X (5x+2x) | |



HD45-LV-R

HD45-LV-R CAMERA CONFIGURATION

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|-----------|----------------|------------------------------|--|--|----------------------------|-------|
| HD45-LV-R | 885 1.95lbs | 134 x 197mm 5.28 x 7.75in | Visible 1280 x 720 (global shutter) LWIR 640 x 512 | 46.8° - 4.9° - 1.2° 24.1° - 7.3° - 3.7° | 40X (10x+4x) 6X (3x+2x) | LP |

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HD55 CAMERA CONFIGURATIONS



HD55-LVV-CZ

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|-------------|-----------------|----------------------------|--|--|---|-----------------|
| HD55-VV | 1275g 2.8lbs | 140 x 199mm 5.5 x 7.8in | Visible 1920 x 1080 Visible 1280 x 720 | 40.4° - 1.8° - 0.3° 41.3° - 15.2° - 3.8° | 132X (22x+6x) 12X (3x+4x) | |
| HD55-LVV-CZ | 1550 3.4lbs | 140 x 208mm 5.5 x 8.2in | Visible 1280 x 720 Visible 1280 x 720 LWIR 640 x 512 | 47.7° - 1.7° - 0.4° 41.3° - 15.2° - 3.8° 29° - 5.9° - 3° | 112X (28x+4x) 12X (3x+4x) 10X (5x+2x) | LP LI |
| HD55-MV | 1850g 4.1lbs | 140 x 199mm 5.5 x 7.8in | Visible 1280 x 720 MWIR 640 x 512 | 13.7° - 4.6° - 1.2° 21.7° - 2.2° - 1.1° | 12X (3x+4x) 20X (10x+2x) | LP LRF LD |

HD59 CAMERA CONFIGURATIONS



HD59-LLVV

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|-----------|------------------|----------------------------|---|---|---|-----------------|
| HD59-LLVV | 1500g 3.5lbs | 147 x 202mm 5.8 x 7.9in | LWIR 640 x 512 LWIR 640 x 512 Visible 1920 x 1080 | 29° - 5.9° - 3° 32° - 16° 45° - 1.5° - 0.3° | 10X (5x+2x) 2X (1x+2x) 180X (30x+6x) | LP LRF |
| HD59-MLVV | 1900g 4.2lbs | 147 x 202mm 5.8 x 7.9in | MWIR 640 x 512 LWIR 640 x 512 Visible 1920 x 1080 | 21.7° - 2.2° - 1.1° 32° - 16° 45° - 1.5° - 0.3° | 20X (10x+2x) 2X (1x+2x) 180X (30x+6x) | LP LRF |
| HD59-MLVS | 1900 g 4.2lbs | 147 x 202mm 5.8 x 7.9in | MWIR 1280 x 1024 LWIR 640 x 512 Visible 1920 x 1080 SWIR 640 x 512 | 5.6° - 1.4° 18.2° - 9.1° 16.9° - 3.5° - 0.6° 5.7° - 2.9° | 4X (1x+4x) 2X (1x+2x) 30X (5x+6x) 2X (1x+2x) | LP LRF LD |

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HD80 CAMERA CONFIGURATIONS



HD80-MNV

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|-------------|-------------------|-----------------------------|--|---|---|-------|
| HD80-VV | 4300g 9.5lbs | 191 x 276mm 7.5 x 10.9in | Visible 1280 x 720 Visible 1280 x 720 | 47.7° - 1.7° - 0.4° 0.4° - 0.1° | 112X (28x+4x) 4X (1x+4x) | |
| HD80-MNV | 5370g 11.8lbs | 191 x 276mm 7.5 x 10.9in | MWIR 640 x 512 NIR 1920 x 1080 Visible 1920 x 1080 | 21.7° - 2.2° - 1.1° 4.5° - 0.8° 40.4° - 1.8° - 0.3° | 20X (10x+2x) 6X (1x+6x) 132X (22x+6x) | |
| HD80-MV | 4700g 10.4lbs | 191 x 276mm 7.5 x 10.9in | Visible 1920 x 1080 MWIR 640 x 512 | 40.4° - 1.8° - 0.3° 21.7° - 1.5° - 0.8° | 132X (22x+6x) 40X (20x+2x) | |
| HD80-MV-600 | 4900 g 10.8lbs | 191 x 281mm 7.5 x 11in | Visible 1280 x 720 MWIR 640 x 512 | 46.8° - 4.9° - 1.2° 18.2° - 0.9° - 0.5° | 40X (10x+4x) 40X (20x+2x) | LP |



HD80-MVS

HD80-MVS CAMERA CONFIGURATION

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV/DFOV | ZOOM (O+D) | LASER |
|----------|------------------|-------------------------------|---|---|---|-----------------|
| HD80-MVS | 5350g 11.8lbs | 191 x 276mm 7.52 x 10.86in | MWIR 640 x 512 Visible 1920 x 1080 SWIR 640 x 512 | 21.7° - 2.2° - 0.8° 40.4° - 1.8° - 0.3° 5.7° - 2.9° | 28X (14x+2x) 132X (22x+6x) 2X (1x+2x) | LP LRF LD |



HD95-MVS

HD95 CAMERA CONFIGURATIONS

| SYSTEM | WEIGHT | DIMS | CAMERAS | FOV | ZOOM (O+D) | LASER |
|----------|-------------------|--------------------------|--|---|---|-----------------|
| HD95-MVS | 7600g 16.8 lbs | 254 x 330mm 10 x 13in | Visible 1920 x 1080 MWIR 640 x 512 SWIR LTD See Spot | 40.4° - 1.8° 0.3° 18.2° - 0.9° 0.5° 5.7° - 2.9° | 132X (22x+6x) 40X (20x+2x) 2X (1x+2x) | LP LRF LD |