

## ▶ HD Cameras

### ▶ HIGH DEFINITION CAMERAS

#### Rugged Video High Definition Cameras

Cameras are designed to meet the rigors of aviation, marine, and military applications

#### Waterproof Bullet Cameras

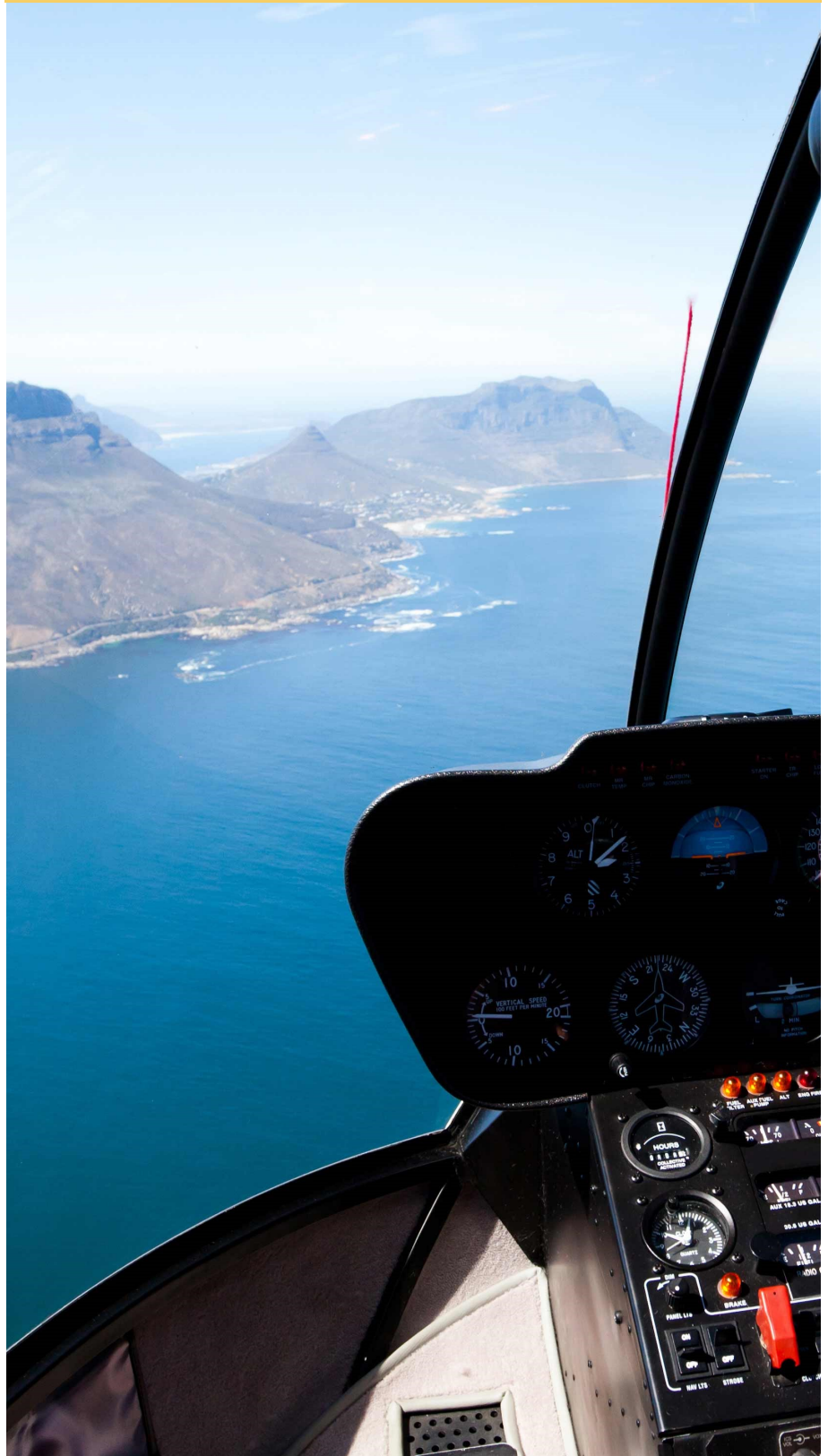
HDG19	3G-SDI	19mm Bullet
HD19	HD-SDI	19mm Bullet
HD23	HD-SDI	23mm Bullet
HD25	HD-SDI	25mm Bullet
HDX	HD-SDI	25mm Bullet

#### Interior Cameras

HD29	HD-SDI	29mm Square
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### ▶ FEATURES

- Full 1080p HD
- OSD Menu Control
- Wide Dynamic Range
- Multiple Lens Options
- SDI & NTSC/PAL Outputs
- Multiple Cable Options
- Compact & Light Weight



# RUGGED VIDEO

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# Specifications

HD19 & HDGI9



HD25



HDX



HD29



CAMERA	HD19, GI9	HD25	HDX	HD29
<b>Image Sensor</b>	1/3" Panasonic CMOS	1/3" Panasonic CMOS	1/3" Panasonic CMOS	1/2.8" Sony Exmor CMOS
<b>Pixels</b>	1,956 x 1,266 2.48 Megapixel	1,956 x 1,266 2.48 Megapixel	1,956 x 1,266 2.48 Megapixel	1,952 x 1,116 2.18 Megapixel
<b>Video Output</b>	3G-SDI (G19) HD-SDI NTSC/PAL	HD-SDI NTSC/PAL	HD-SDI NTSC/PAL	3G-SDI HD-SDI
<b>Output Resolution</b>	1080p60 (G19) 1080p30 720p60 720p30	1080p30 720p60 720p30	1080p30 720p60 720p30	1080p60 1080i60 1080p30 720p60 720p30
<b>Min. Illumination</b>	0.3 Lux Color 0.1 Lux B&W 0.02 Lux Sens-up	0.2 Lux Color 0.1 Lux B&W 0.02 Lux Sens-up	0.5 Lux Color 0.1 Lux B&W 0.02 Lux Sens-up	0.2 Lux Color 0.01 Lux B&W
<b>Shutter Speed</b>	AUTO 1/30 - 1/50,000	AUTO 1/60 - 1/50,000	AUTO 1/60 - 1/50,000	AUTO 1/30 - 1/50,000
<b>Menu Access</b>	Control-in-Cable On-Screen Menu	Control-in-Cable On-Screen Menu	Control Plug On-Screen Menu	Control-on-Camera On-Screen Menu
<b>Menu Features</b>	White Balance Backlight Wide Dynamic Range Flip, Rotate, Mirror Automatic Gain Day/Night Mode Coloration 2DNR, 3DNR	White Balance Backlight Wide Dynamic Range Flip, Rotate, Mirror Automatic Gain Day/Night Mode Coloration 2DNR, 3DNR	White Balance Backlight Wide Dynamic Range Flip, Rotate, Mirror Automatic Gain Adaptive Color & Contrast Enhancement Day/Night Mode Coloration 2DNR, 3DNR	White Balance Backlight Wide Dynamic Range Flip, Rotate, Mirror Automatic Gain Adaptive Color & Contrast Enhancement Day/Night Mode Coloration 2DNR, 3DNR
<b>Connectors</b>	SDI - BNC CVBS - BNC POWER - 2.1x5.5 BARREL or HRS-LF	SDI - BNC CVBS - BNC POWER - 2.1x5.5 BARREL or HRS-LF	SDI - BNC CVBS - BNC Control - DIN POWER - 2.1x5.5 BARREL or HRS-LF	SDI - BNC CVBS - BNC POWER - MULTI-PIN
<b>Power</b>	DC12V +/- 10% Max. 1.6W	DC12V +/- 10% Max. 1.6W	DC12V +/- 10% Max. 1.8W	DC12V-24V Max. 3.3W
<b>Dimensions/Weight</b>	19mm x 56mm 2.6oz	25mm x 75mm 2.3oz	25.6mm x 117mm 4.6oz	29mm x 29mm x 29mm 1.4oz
<b>Lens Options</b>	M12/S-Mount 2.9mm - 130FOV 3.6mm - 105FOV 4.0mm - 95FOV 6.0mm - 60FOV 8.0mm - 40FOV 12mm - 30FOV 16mm - 20FOV	M12/S-Mount 2.9mm - 130FOV 3.6mm - 105FOV 4.0mm - 95FOV 6.0mm - 60FOV 8.0mm - 40FOV 12mm - 30FOV 16mm - 20FOV	M12/S-Mount 2.9mm - 130FOV 3.6mm - 105FOV 4.0mm - 95FOV 6.0mm - 60FOV 8.0mm - 40FOV 12mm - 30FOV 16mm - 20FOV	C/CS-Mount 2.8mm - 135FOV 3.6mm - 105FOV 4.0mm - 95FOV 6.0mm - 60FOV 8.0mm - 40FOV 12mm - 30FOV 16mm - 20FOV

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