

# SUPERVISION



## When it gets dark, you might as well be blindfolded!

"I could not believe how the front door of the residence was now in perfect sight which I was not able to determine with my naked eye. With my naked eye I was not even able to see that multiple doorways existed. Now with the SuperVision in use I was able to see the suspect, observe the exact doorway that was being used by the suspect, the number on the doorway and vehicle registrations that were associated with this residence. This was all done from inside my under-cover vehicle."

Handgun, baton, vest, flashlight, cuffs – cops have a lot of tools to get the job done. But a cop's greatest asset is his eyes. And when you're working at night, no matter if it's on patrol, serving a warrant, chasing a bad guy, or a thousand other tasks, you might as well be blindfolded. You're working with a huge disadvantage, because you just can't see what you're dealing with.

SuperVision is in a class by itself. Unlike image intensified night vision devices that have been adopted for law enforcement, SuperVision has been built from the ground up, especially designed for police and agents and their special requirements in an increasing dangerous urban environment. Xenonics engineers have taken solid-state, wide dynamic range imaging to the next level of sophistication with the application of digital signal processing (DSP) and image enhancement software that brings otherwise indistinguishable forms into sharp identifiable objects. This advanced technology, built in SuperVision, gives law enforcement the tactical edge they need for situational awareness, intelligence and evidence.



## Take Back the Night

## No matter the mission or need, Xenonics has a SuperVision that is specifically designed for you.

SuperVision is an essential force multiplier that fills situational awareness and evidentiary capture capability gaps for law enforcement. SuperVision provides officers and agents the ability to accomplish tasks more effectively and safely at night, increasing the ability to move and control situations by detecting & identifying suspicious activity & people that would otherwise have not been seen; elevating situational awareness of the subject and surrounding area; and increasing range of identification and engagement, protecting officers who would otherwise be vulnerable.

SuperVision's proprietary architecture combines:

- the most light sensitive CCD sensor available today – for extreme low light viewing;
- a High Definition black & white display – view your scene in ultra-high resolution & contrast – for superior detail & situational awareness;
- proprietary digital signal processing – affords the ultimate in versatility – allows you to see every detail in low-light conditions, high-light conditions, and with bright light in low-light scenes without blooming, even full daylight;
- 2-8X variable zoom – to get you in close to the exact details you need, without actually having to get close.



### SuperVision®

Gives you what you need at night – crystal clear, high definition, high contrast visual information – no matter what the conditions are (from pitch black to dusk or daylight, even with bright light in otherwise dark scenes) without blooming.

#### SPECIFICATIONS:

SENSOR:	1/2" CCD mono
NEAR EYE DISPLAY:	0.55" LCOS mono
DISPLAY TOTAL PIXELS:	1280 (H) X 720 (V)
ASPECT RATIO:	16:9
VIDEO OUT:	N/A
MAGNIFICATION:	2X fixed
DIGITAL ZOOM:	4X
FOCUS RANGE:	6" to infinity
FIELD OF VIEW:	525 ft. at 1000 meters
MIN. ILLUMINATION:	0.00005 lux
LIGHT SENSITIVITY:	300 to 1050 nm
BATTERY TYPE:	Li-Ion 18650 2200mAh Circuit-protected
BATTERY RUNTIME:	2 hours
EXTERNAL POWER:	N/A
OPERATING TEMP.:	-20° to 60°C
IMMERSION:	1 meter
MOUNTING:	1/4" X 20
DIMENSIONS:	3.2" X 2.0" X 6.8"
WEIGHT:	20 oz (567 gr)

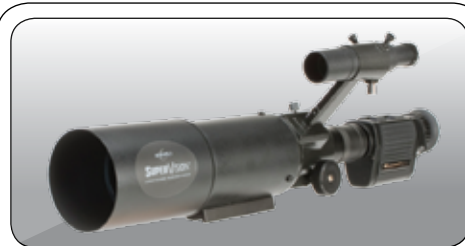


### SuperVision® Video Out

Same great SuperVision with the added ability to connect video signal to a recording device, monitor or both for surveillance or evidence gathering. Also runs for up to 8 hrs on external DC or AC power, as well as its rechargeable battery.

#### SPECIFICATIONS:

SENSOR:	1/2" CCD mono
NEAR EYE DISPLAY:	0.55" LCOS mono
DISPLAY TOTAL PIXELS:	1280 (H) X 720 (V)
ASPECT RATIO:	16:9
VIDEO OUT:	NTSC
MAGNIFICATION:	2X fixed
DIGITAL ZOOM:	4X
FOCUS RANGE:	6" to infinity
FIELD OF VIEW:	525 ft. at 1000 meters
MIN. ILLUMINATION:	0.00005 lux
LIGHT SENSITIVITY:	300 to 1050 nm
BATTERY TYPE:	Li-Ion 18650 2200mAh Circuit-protected
BATTERY RUNTIME:	2 hours
EXTERNAL POWER:	12VDC/100-240VAC
OPERATING TEMP.:	-20° to 60°C
IMMERSION:	1 meter
MOUNTING:	1/4" X 20
DIMENSIONS:	3.2" X 2.0" X 6.8"
WEIGHT:	20 oz (577 gr)



### Long Range Surveillance

Allows you to extend the range of your SuperVision or Video Out for surveillance applications. The LRS 400mm telescopic lens attaches to SuperVision and increases zoom from 2X-8X to 25X-100X.

#### SPECIFICATIONS:

MAGNIFICATION:	25X-100X
OPTICAL DIAMETER:	80 mm
FOCAL LENGTH:	400 mm
FOCAL RATIO:	f/5.0
COATING:	fully multi-coated
OPTICAL TYPE:	air-spaced doublet
GLASS MATERIAL:	crown/flint
OPTICAL QUALITY:	diffraction limited
FINDER SCOPE:	6 x26 correct image
FOCUSER:	1.25" rack and pinion
MOUNTING:	1/4" X 20
LENGTH:	18.3" [46.4 cm]
WEIGHT:	4.1 lbs [1.87 kg]



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