

Benefits of Third Eye Eye-Cams



HOOKER TACTICAL
Safety & Defense Equipment, Inc.



Spotting Scope Eye-Cam



Riflescope Eye-Cam



Low-Lux Eye-Cam for
Night Vision

General benefits:

- The Third Eye Eye-Cam is an optical device that allows the user to share their real time view in any situation; the video images can be transmitted via video link or recorded directly to a portable recording device.
- The unique design of the Third Eye Eye-Cam will not interfere with the operation of the riflescope, spotting scope, or night vision device.
- Third Eye Eye-Cam products are designed to be compatible with most existing professional optics from spotting scopes to riflescopes, night vision to surveillance optics, and are ideal tools for all branches of police and military.
- The Third Eye Eye-Cam mounts on the eyepiece of almost any optic. The design and construction is such that it does not interfere with the user's normal vision through the optic and does not interfere with the performance of the optic.
- Composite video from eye-cams meets worldwide standards and interfaces easily with standard video recorders and video transmitters.
- Transmitted video from eye-cams can be encrypted.

Benefits for specific uses include:

1. SWAT team training and evaluation
 - Instructor has real-time observation of the view seen by the student.
 - Instructor can record real-time video from student's eye-cam for evaluation purposes.
 - Instructor has instant feedback of student's actions. For example:
 - The video from a riflescope eye-cam will immediately tell the instructor how well the sniper student is aiming and pulling the trigger.
 - The video from a spotting scope eye-cam will immediately tell the instructor how well the spotter is performing his/her function.

Benefits of Third Eye Eye-Cams

- Instructor has use of recorded video to identify exactly those areas where student needs to improve.
 - Recorded video feedback enables student to see exactly what mistakes were.
 - Recorded video feedback improves the student evaluation process. Students learn faster when they can see the results of their actions.
 - Recorded video feedback assists instructor in explaining possible causes of student mistakes and assists in the dialog between student and instructor on how to correct the mistakes.
 - Eye-cam use expedites training, evaluation, and student learning.
2. Tactical command
- When eye-cams are used by each team member, the Tactical Commander has a real-time view of what his/her team sees. Based on the events as they happen, the commander has an instantaneous understanding and view of what is happening and can reposition team members as needed.
 - Recorded images/video can be relayed to support/analyst teams as needed for coordination purposes, analysis, feedback, etc.
 - Misscommunication dramatically reduced. Video correlates the events seen by the team members to the dialog from each team member. It is as if both the commander and team member were together, seeing the same view, and discussing it.
3. Surveillance and Reconnaissance
- Team members can share their view(s) with each other.
 - Eye-cam video is easily recorded for after-the-fact analysis.
 - Eye-cam video can be transmitted to analysis team for real-time analysis.
4. Battlefield intelligence gathering
- Eye-cams easily attached to scopes of field personnel.
 - Eye-cam doesn't hinder or keep the person from performing their duty.
 - When eye-cam video is transmitted back to command post, Commander receives real-time video from each person with an eye-cam.
 - Based on the events as they happen, the commander has an instantaneous understanding and view of what is happening on the battlefield and can reposition field personnel as needed.
 - Recorded images/video can be relayed to support/analyst teams as needed for coordination purposes, analysis, feedback, etc.
 - Misscommunication dramatically reduced. Video correlates the events seen by the team members to the dialog from each soldier. It is as if both the commander and soldier were together, seeing the same view, and discussing it.

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5. Sniper Training and evaluation
 - Instructor has real-time observation of the view seen by the student.
 - Instructor can record real-time video from student's eye-cam for evaluation purposes.
 - Instructor has instant feedback of student's actions. For example:
 - The video from a riflescope eye-cam will immediately tell the instructor how well the sniper student is aiming and pulling the trigger.
 - Instructor has use of recorded video to identify exactly those areas where student needs to improve.
 - Recorded video feedback enables student to see exactly what mistakes were.
 - Recorded video feedback improves the student evaluation process. Students learn faster when they can see the results of their actions.
 - Recorded video feedback assists instructor in explaining possible causes of student mistakes and assists in the dialog between student and instructor on how to correct the mistakes.
 - Eye-cam use expedites training, evaluation, and student learning.
6. Target identification/spotting
 - Video from spotter's eye-cam easily recorded on a portable recorder and/or transmitted real-time to a command post.
 - Video of target easily forwarded to analysis team for identification purposes.
 - Video from the spotter's eye-cam aids his/her ability to provide accurate and complete information to the commander.
7. Marine search
 - Video from searcher's eye-cam easily transmitted real-time to a command post.
 - Video of target easily forwarded to analysis team, when needed.
 - Searcher's eye-cam aids his/her ability to provide accurate and complete information to the commander.
 - Multiple people can see the same view and assist each other in finding survivors.
8. Customs enforcement & evidence gathering
 - Video from officer's eye-cam easily recorded on a portable recorder and/or transmitted real-time to a command post.
 - Video of target easily forwarded to analysis team for identification purposes.
 - Recorded video of evidence used for convictions.

Benefits of Third Eye Eye-Cams

9. Perimeter defense

- Video from roving guard's eye-cam easily transmitted real-time to a central security center or command post.
- Video to central security or command post enhances the roving guard's safety.
- The combined video information from all the roving guards and the security cameras aid central security in understanding what is really happening at the compound's perimeter.
- The video can be used for training and correcting mistakes made by the guards.

10. Border patrol

- Video from roving border patrol's eye-cam easily transmitted real-time to a central command post or recorded to a portable recorder.
- Video to central command post enhances the roving border patrol's safety.
- The combined real-time video information from all the roving border patrol team members and any stationary security cameras aid the central command post in understanding what is really happening at the border.
- The video can be used for training and correcting mistakes made by the border patrol personnel.
- Recorded video used for convictions and identification purposes.

11. Night vision recording using special eye-cams for night vision

- All of the above benefits of daytime eye-cam use also applied to the use of nighttime night vision use; especially for the night vision device that attaches to or replaces the daytime scopes.
- Recorded video used for convictions and identification purposes.
- The combined video information from all the eye-cams and any stationary security cameras aid central security/control in understanding what is really happening at the scene.
- The video can be used for training and correcting mistakes made by the personnel using the eye-cams.
- Video of target easily forwarded to analysis team for identification purposes.
- Spotter's eye-cam aids his/her ability to provide accurate and complete information to the commander.
- Instructor can record real-time video from student's eye-cam for evaluation purposes.
- Instructor has instant feedback of student's actions. For example:
 - The video from a riflescope eye-cam will immediately tell the instructor how well the sniper student is aiming and pulling the trigger.
- Instructor has use of recorded video to identify exactly those areas where student needs to improve.
- Recorded video feedback enables student to see exactly what mistakes were.
- Recorded video feedback improves the student evaluation process. Students learn faster when they can see the results of their actions.

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- Recorded video feedback assists instructor in explaining possible causes of student mistakes and assists in the dialog between student and instructor on how to correct the mistakes.
- Eye-cam use expedites training, evaluation, and student learning.

12. Correctional facility observation

- Video from roving guard's eye-cam easily transmitted real-time to a central security center.
- Video to central security enhances the roving guard's safety.
- The combined video information from all the roving guards and the security cameras aid central security in understanding what is really happening at the correctional facility's perimeter.
- The video can be used for training and correcting mistakes made by the guards.