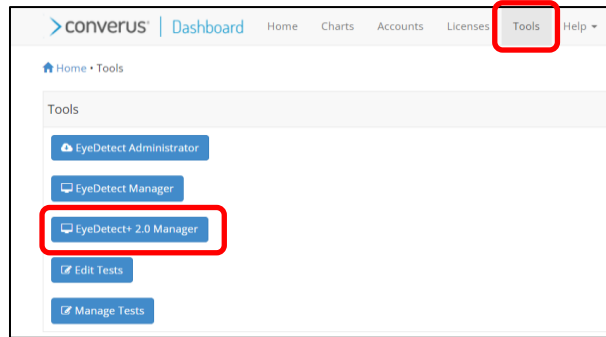




EyeDetect+ Manager monitors examinees while testing and is used on a Windows[®] device other than the EyeDetect Station.

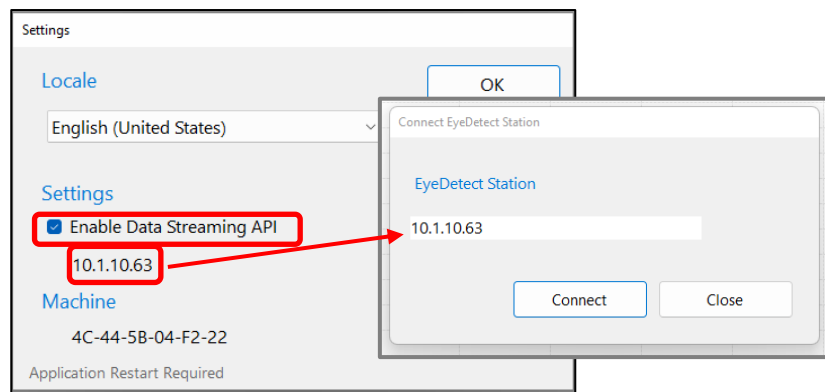
Download EyeDetect+ Manager

1. With a Windows computer or tablet, login to the Converus Dashboard. Select **Tools** from main menu.
2. Click blue **EyeDetect+ Manager** icon to initiate installation. After file downloads in browser, click to complete installation.



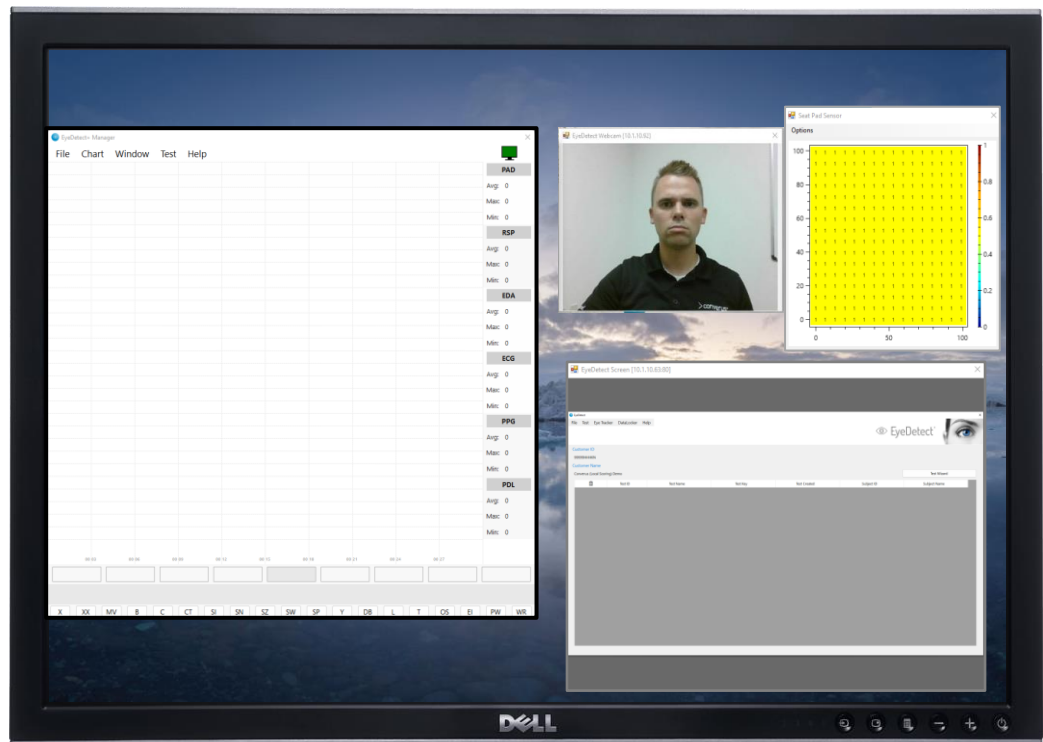
Find IP Address

1. On EyeDetect Station, open EyeDetect software, click on **File** and select **Settings**.
2. Check box **“Enable Data Streaming API.”**
3. The current IP address is shown here. (See image.) Make note of that number.



Connect EyeDetect Station to EyeDetect+ Manager

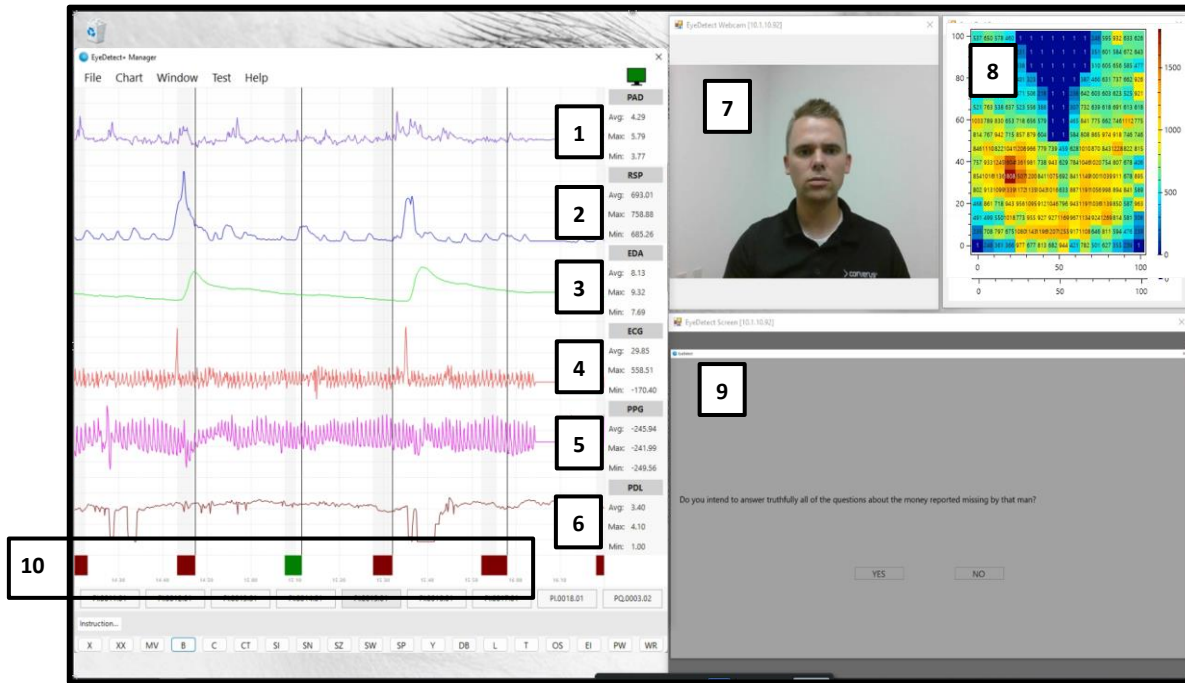
1. On desktop of Windows device with EyeDetect+ Manager installed, click **EyeDetect+ Manager** icon to launch software.
2. In EyeDetect+ Manager home screen, select **File** then **Connect to EyeDetect**.
3. Enter IP address of Station, then click **Connect**.
4. Move main window to left side of screen. (See below.)
5. Select **Window** from main menu and click **Seat Pad Sensor**. Move window to top right of screen.
6. Select **Window** from main menu and click **EyeDetect Webcam**. Position webcam window between main window and seat pad window (See image).
7. Select **Window** from main menu and click **EyeDetect Screen**. Position this window at bottom right corner of monitor screen, beneath seat pad and webcam windows. (See image.)
8. If desired, resize the EyeDetect screen and Webcam Screen.



NOTE: Polygraph tracings and seat pad activity are not shown until test starts.



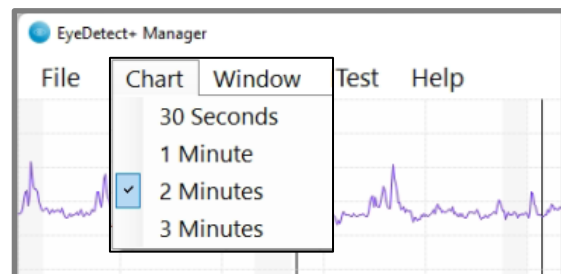
EyeDetect+ Manager Features



- 1. Seat Pad:** Tracing will be minimal. If it increases, the examinee may be moving excessively.
- 2. RSP or Respiration:** Normal rate is 12-20 breaths per minute. Suppressed breathing may indicate deception.
- 3. EDA (Electrodermal Activity):** Normally flat but peaks when the examinee is aroused, which may indicate deception.
- 4. ECG (Electrocardiogram):** Normal activity is 4 squares in an R-R interval. Will not indicate deception. Used to mark time beats to determine pulse transit time.
- 5. PPG (Photoelectric Plethysmograph):** The waveform has direct and alternating currents. Overall suppression may indicate deception.
- 6. PDL (Pupil Dilation Length):** The waveform is even until dilation occurs. Blinking causes artifacts.
- 7. Webcam Screen:** A real-time video of examinee's face during testing.
- 8. Seat Pad Screen:** A real-time indicator of pressure points. Light blue = less pressure. Yellow/orange = medium pressure. Red = most pressure.
- 9. EyeDetect Test Screen:** A real-time image of the EyeDetect Station screen during testing, indicating which screen the examinee is seeing. The test proctor can be aware of testing progress.
- 10. Test Questions:** Green square = Neutral question. Red square = relevant topic question. Dotted/grayed out = Question answered unexpectedly or admitting guilt.

Chart Menu

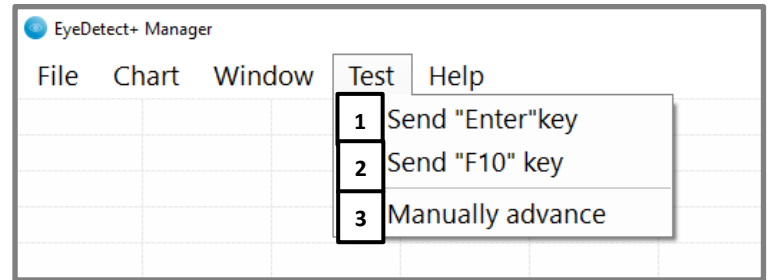
Use to configure the time interval shown on screen. The longer the time interval, the smaller the tracings. Recommended: 2 minutes.





Test Menu

1. **Send "Enter" key:** If test proctor presses "enter," the test may advance when an onscreen prompts indicates a pause. Example: Press a button or key to continue.
2. **Send "F10" key:** Allows test proctor to end the test remotely.
3. **Manually advance:** Allows test proctor to control when questions are presented by pressing space bar. Will still need to wait at least 22 seconds between questions.



Annotations- For manual scoring

Test Proctor can indicate artifacts or make other comments.

- X** – Announcement of beginning of test
- XX** – Announcement of the end of test
- MV** - Movement
- B** – Belch or burp
- C** – Cough
- CT** – Cleared throat
- SI** – Sigh
- SN** – Sniff or Snort
- SZ** – Sneeze
- SW** – Swallow
- SP** - Sleep
- Y** - Yawn
- DB** – Deep breath
- L** – Laugh
- T** – Talk
- OS** – Outside noise (or stimulus)
- EI** – Examiner Instructions
- PW** – Poorly worded question
- WR** – Examiner will repeat last question

