

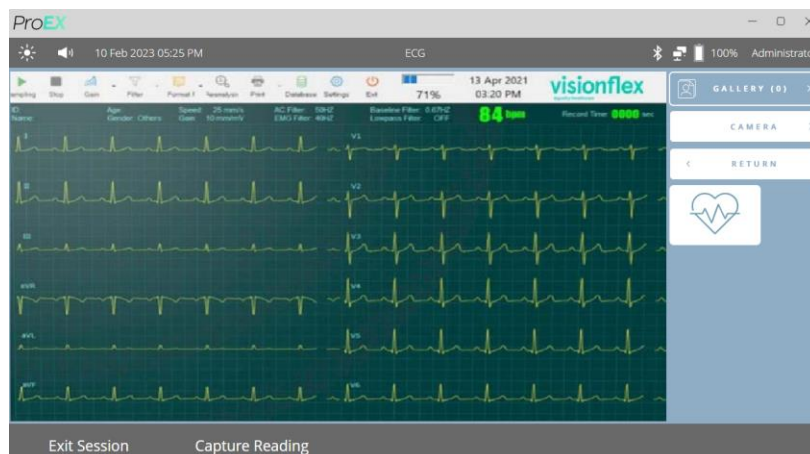


## 12-Lead ECG - Quick Start Guide

The 12-Lead ECG device is used to measure electrocardiogram (ECG) signals, assisting with the monitoring and diagnosis of heart conditions by a medical professional. The ECG scanner allows you to capture biological signals from the patient to obtain an ECG graph and report.

The ECG can be used stand-alone with the provided ruggedized tablet. When connected to ProEX from Visionflex the feed can be captured against a patient record, forwarded to a specialist or streamed over telehealth.

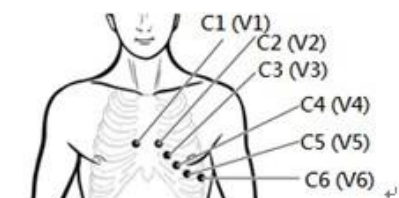
To get started follow the steps below. For support please contact the Visionflex support team by email at [support@visionflex.com.au](mailto:support@visionflex.com.au) or by phone on +61 2 8914 4000.



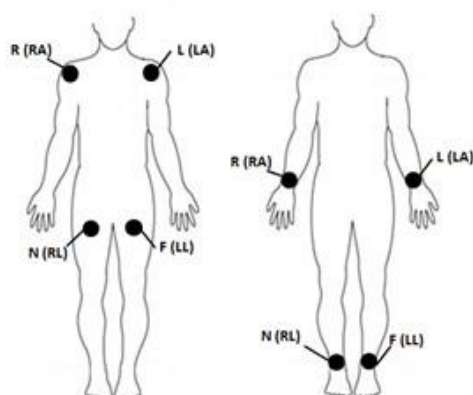
1. Insert the USB connector (which has a thumbscrew) to the ECG and the other end of USB connector to the Rugged Tablet. Connect the patient cable to the D-sub 15 connectors of the ECG. Make sure the cables are properly connected.
2. Turn on the tablet, the feed should be visible.
3. To stream the feed or connect to ProEX:
  - a. Attach the HDBI cable to the mini HDMI port on the side of the tablet.
  - b. Attach the provided HDMI to USB signal converter to the large HDMI end of the cable.
  - c. Connect the USB end of the signal converter to the ProEX or Telehealth PC running ProEX software.  
The connection will appear to the computer as a USB camera.
  - d. Within the ProEX software select the ECG Exam Mode and if not already selected, choose the ECG from the device list.



4. Prepare the patient for the ECG test.
  - a. Ensure that the patient is warm and relaxed.
  - b. Remove clothing and shave body hair if necessary to properly attach the electrodes.
  - c. Clean the skin and let air dry (lotions and body oils will make interference).
  - d. Apply the electrodes to the patient. Make sure the electrodes are adhering well.
5. The packed patient cable complies with IEC/AHA requirements. Attach the electrodes as illustrated below.



Chest Lead Electrode



Two Way of Limb Lead Electrode

IEC (European)		AHA(American)	
Identifier	Color Code	Identifier	Color Code
R	Red	RA	White
L	Yellow	LA	Black
N	Black	RL	Green
F	Green	LL	Red
C1	Red	V1	Red
C2	Yellow	V2	Yellow
C3	Green	V3	Green
C4	Brown	V4	Blue
C5	Black	V5	Orange
C6	Violet	V6	Violet

6. On the tablet, select **Patient ID** (for registered patient) or **New Patient\*** (for new patient) and tap to enter.
7. Acquire the ECG and tap the “ANALYZE” button. The program starts to analyze and generate the ECG report. The report can be traced by user-selectable 5-second period. Save the ECG report to continue.
8. Return to MENU screen and choose “Review” button. Select the patient ID and corresponding report to view and print the results.
9. Remove electrodes from the patient.



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