

a wireless communication module disposed in said SID cap and configured to wirelessly communicate with one or more computing devices external to said skin interface device;

wherein:

said wireless communication module is interconnected with said first infrared transceiver assembly;

said wireless communication module is in communication with said controller via said first infrared transceiver assembly and said second infrared transceiver assembly.

18. The skin interface device of claim 5, further comprising:

a plurality of connecting members extending outwardly from SID base;

wherein

each of said plurality of connecting members is in communication with said processor; and

one or more of said plurality of connecting members are configured to be attached to one or more implanted EKG sensors.

19. The skin interface device of claim 17, wherein one or more of said plurality of connecting members are configured to be attached to one or more leads from a pressure sensor disposed in an arterial interface device.

20. The skin interface device of claim 1, further comprising circuitry operable to prevent an electric shock applied externally to the device from rendering the device inoperable.

21. The skin interface device of claim 20, wherein the electric shock is generated by a defibrillator.

22. The skin interface device of claim 20, wherein the electric shock has a voltage of about 100, 200, 300, 400, 500, 600, 700, 800 or greater.