**Display**

We have considered 6 displays for the use in our car which are:

# 3.2" TFT Touch Panel LCD Display powerful extension Module PCB Adapter 65K:

# This is a normal LCD display which can be interfaced to an Arduino but has no GUI as in Nextion display or 4d Systems display. Hence it won’t be as useful for us.

# It costs 21$.

# Link: https://www.amazon.com/Display-powerful-extension-Module-Adapter/dp/B00NHG8MXG

# Raystar Displays:

# These provide displays with a wide variety of sizes and looks which suite for us but again they also don’t have a GUI and not based for automotive purposes.

# Link: https://www.raystar-optronics.com/3.2-3.5-3.9-tft-lcd-display.htm

# Pro-Face Displays by Schneider Electric:

# These displays are very good for our purpose and with good GUI can plot various things as we wish but unfortunately do not have a good appearance which would suite our car and not in a wide variety of sizes.

# These are not based for on car applications usually.

# Link: http://www.hmisource.com/otasuke/

# Motec Displays:

# These displays are provided by Motec itself and connected to the ECU output of Motec.

# These displays also look very good.

# These displays are very powerful and exactly suite our use but only issue is that it is only compatible with a Motec ECU.

# Price too high 2500$

# No input from our side.

# Link:

# <https://www.motec.com.au/c1212/c1212overview/>

# <https://www.ebay.com/bhp/motec-dash>

# 4d Systems Display:

# This is one of the best display choices for us but its range starts from 89$.

# It has its own software for programming and uses SPI communication.

# Just like Nextion it has various sizes and is an overall better version of it.

# On all forums where 4d System display is compared with Nextion, it has been preferred for its ease of use and good interface.

# Only issue persists with the costs.

# Nextion Displays:

# With a wide range of sizes and reasonable costs, it is the perfect choice for us.

# Its costs start from 20$ for 3.2” version.

# HMI solution and TFT display.

# Development by free Nextion Software.

# Link: https://nextion.itead.cc/