

Model Number : KT-043I90-U2X0

TFT-LCD Pushbutton Product Brief

DOCUMENT DATE: 2nd Sep 2019

DOCUMENT REVISION: 1.2

CONFIDENTIAL

PROPRIETARY NOTE: THIS SPECIFICATION IS THE PROPERTY OF IDISPLAY TECHNOLOGY CO., LTD PRODUCTS AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF IDISPLAY TECHNOLOGY CO., LTD AND MUST BE RETURNED TO IDISPLAY TECHNOLOGY CO., LTD UPON IT'S REQUEST.

Uncontrolled copy with printed or downloaded.

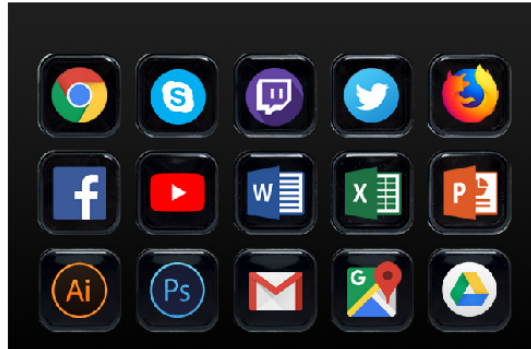
Please refer to the iDisplay website for the latest revision of this document

www.idisplay.com.tw

Table of Contents

1.	FEATURES	1
2.	DESCRIPTION	1
3.	GENERAL SPECIFICATION	2
4.	MECHANICAL DRAWING	3

1. FEATURES



- Display Panel: LCD-TFT Display
- Panel Size: 4.3"
- Number of Button: 5 x 3 buttons
- Button Resolution: 72 x 72 RGB resolution
- Color: RGB 16.7M True Colors
- Brightness: High
- View Angle: Wide
- Interface: USB
- Power: USB
- Device Type: USB 2.0 HID Device, Option MSD Device
- Software: SDK with API (Windows and Linux)
- Firmware: Upgradable
- Housing: Metal Frame

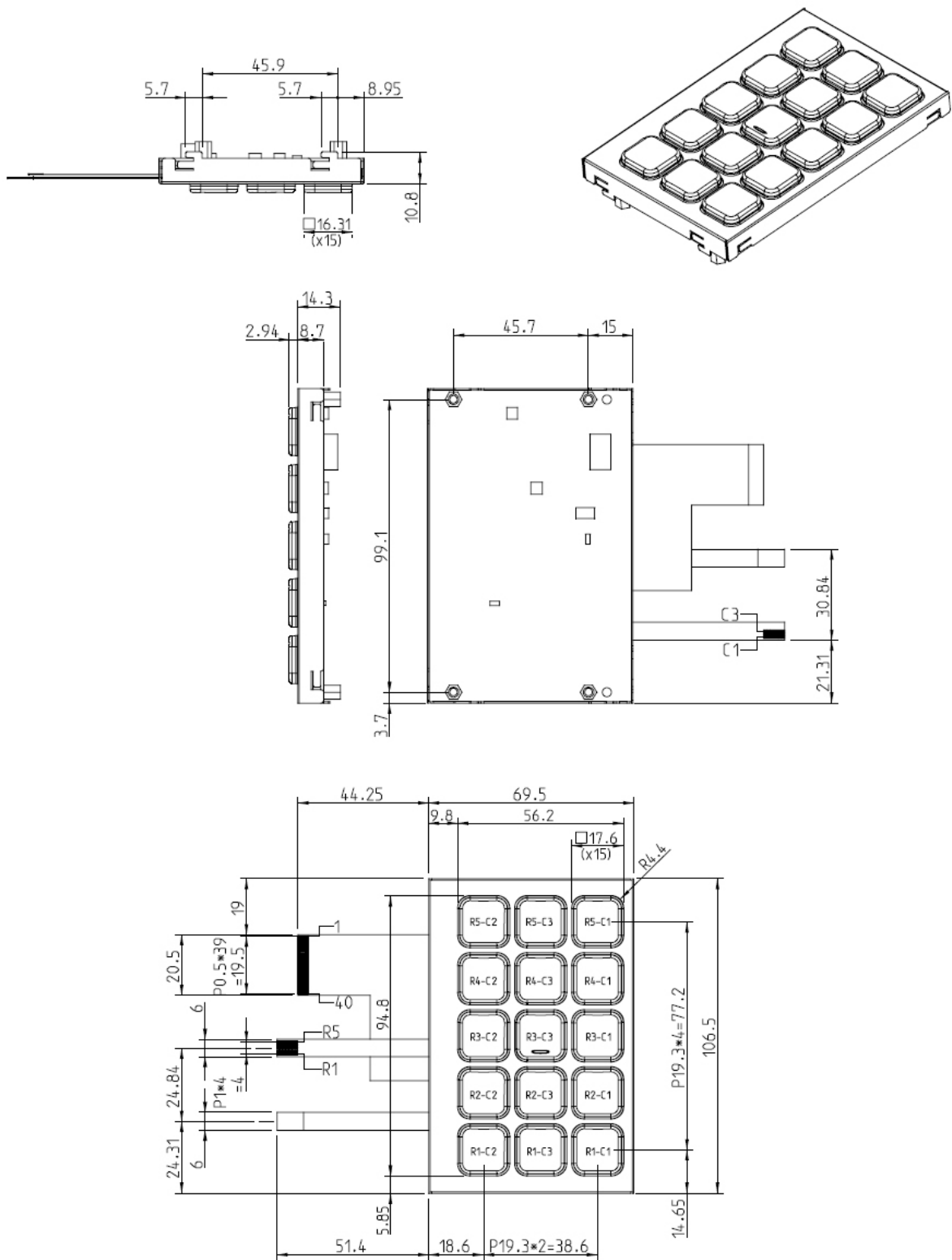
2. DESCRIPTION

The KT-043190-U2X0 module is powered by ARM9 processor which to ensure extreme fast input and graphical display on the buttons. The standard USB 2.0 HID device is default specification. USB MSD Device is an optional The firmware is upgradable by USB connection. It provides the best adaptive function and optimized performance from time to time. SDK with API will be provided to the customer. Customer can tailored made her own software application and experience unique function. The reinforced metal frame ensure the button durability and best protection in various environment.

3. GENERAL SPECIFICATION

ITEM	DIMENSION	UNIT
Display Type	4.3"LCD-TFT	
Display Mode	TN / Transmission / Normally White	
View Angle	Full view	
Number of Button	5 x 3 buttons	
Button Size	72 x 72 dots	
Button Resolution	72 x 72 (RGB) dots	
Color filter array	RGB vertical stripe	
Module Dimension	69.5(W) x 106.5(H) x 14.3(T)	mm
Active area	53.86(W) x 95.04(H)	
Operating temperature	-20 ~+70 °C	
Storage temperature	-30 ~+80 °C	
Supply Voltage	5V	
Back Light	10 White LED	
Interface	USB	

4. MECHANICAL DRAWING



***Model: KT-043190-U2X0

Dimensions in millimeters