

**Model Number : TBC-4353U-X0**

**TFT-LCD Pushbutton Product Brief**

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**CONFIDENTIAL**

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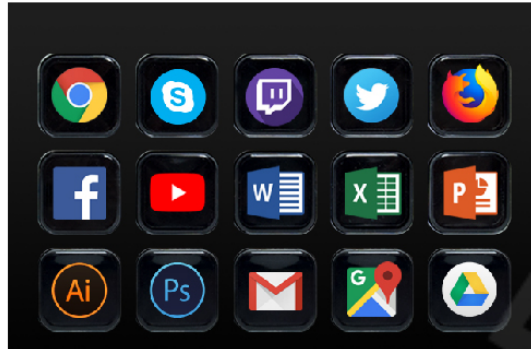
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## 1. FEATURES



- Display Panel: LCD-TFT Display
- Panel Size: 4.3"
- Number of Button: 5 x 3 buttons
- Button Resolution: 72 x 72 VGA 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 TBC-4353U-X0 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	
Driver IC	ST7282	
MPU	SAM9G45	
Interface	USB	

