Module Barcode Scanner
CKP-NT7734S

CKANPLUS®
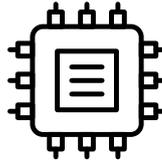
|		
Fast Decode	Self Service	Quick Scan
1D Decode	2D Decode	USB
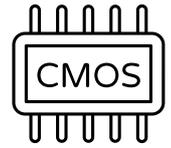
3 5 4 6 8 9 5 0 1 8 7 8 4

Feature

- High speed: High-speed screen barcode recognition scanning engine module
- High integration: With a high degree of integration, it can be very convenient for payment, turnstiles and other application environments
- High compatibility: The highly compatible transmission interface adapts to more devices and makes data transmission more secure

Application
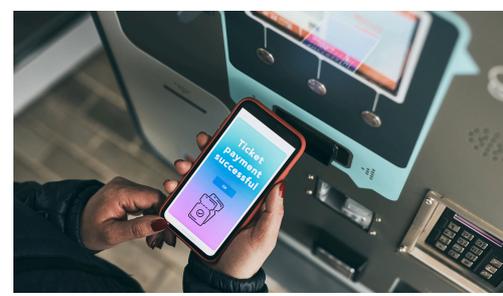
Physical Characteristics

Dimensions：65mm x61mm x 18.3mm

Voltage：5±5% VDC（3.3V Power Supply，illumination slightly dim）

Weight：30g

Starting Current：240mA

Stand-by Current：170mA

Work Current：260mA

Performance Characteristics

Image (Pixels)：640 pixels (H) x 480 pixels (V)

Light Source：White color LED

Field of View：77°(H),60°(V)

Roll / Pitch / Yaw：360°, ±80° , ±60°

Print Contrast: 20% minimum reflective difference

Interfaces Supported：USB, RS232，TTL232

Motion Tolerances：2m/s

Symbology Decode Capability

1-D: Codabar、Code 39、Code 32 Pharmaceutical (PARAF)、Interleaved 2 of 5、NEC 2 of 5、Code 93、Straight 2 of 5 Industial、Straight 2 of 5 IATA，Matrix 2 of 5，Code 11、Code 128、GS1-128、UPC-A、UPC-E、EAN/JAN-8、EAN/JAN-13、MSI、GS1 DataBar Omnidirectional、GS1 DataBar Limited、GS1 DataBar Expanded、China Post(Hong Kong 2 of 5)、Korea Post.

2-D: Codeblock A、Codeblock F、PDF417、Micro PDF417、GS1 Composite Codes、QR Code、Data Matrix、MaxiCode、Aztec、HANXIN.

Decode Ranges

Code39(13mil)：3-14cm

QR(20mil)：2-11cm

ENA13(13mil)：3-14cm

User Environment

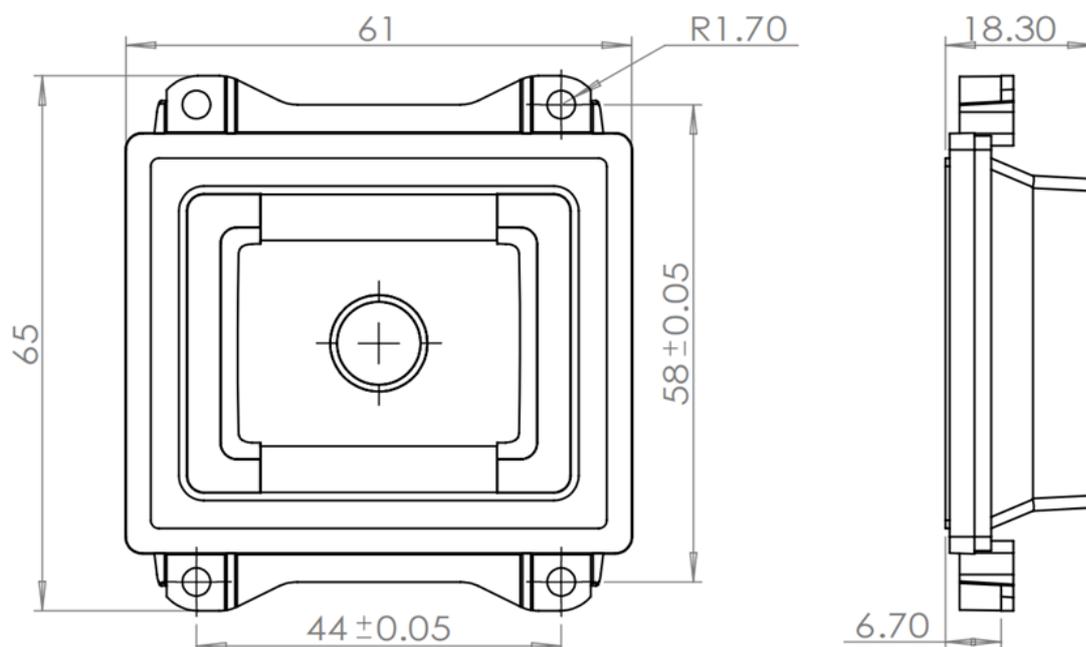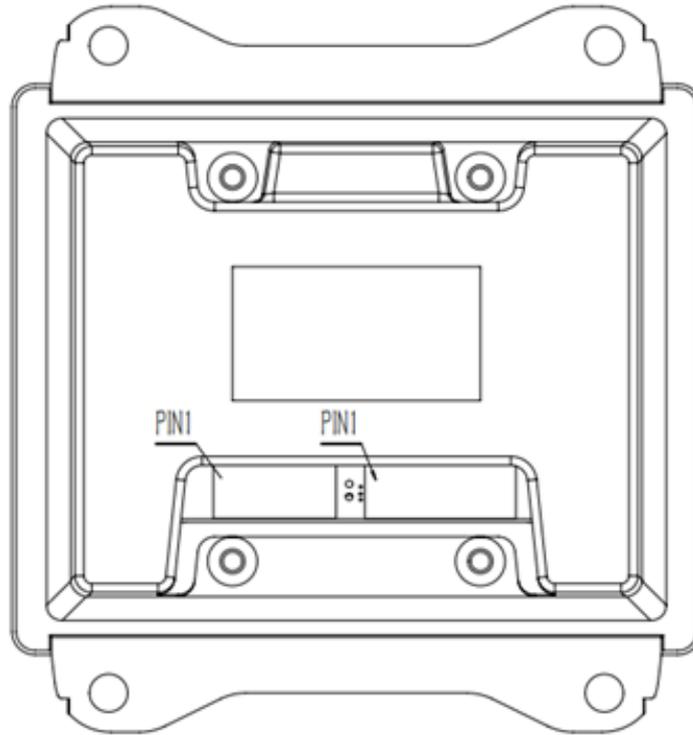|	
Operating Temperature : -20°C to 60°C
Storage Temperature : -30°C to 70°C
Humidity : 5% to 95% relative humidity,non-condensing
Shock Specifications：8 G r.m.s., from 10 to 500 Hz, 2 hours per axis, 3 axes
Ambient Light Immunity :0-100,000 Lux.

Performance may be impacted by bar code quality and environmental conditions

Dimension (unit:mm)

PIN assignments

12PIN（FFC） Connector sequence description			
PIN1	NC	PIN7	Output-USB-DP
PIN2	Power-VCC[3.3-5V]	PIN8	NC
PIN3	Ground-GND	PIN9	Output - Idle Low BEEPER-PWM
PIN4	Serial port reception -RXD	PIN10	Output High - Idle Low -GOODREAD
PIN5	Serial port sending -TXD	PIN11	NC
PIN6	Input-USB-DM	PIN12	Low level triggering -TRIGGER(Weak pull-up)
6PIN(1.25mmspacing) Terminal wire sequence description			
PIN1	TXD	PIN4	USB-DP
PIN2	RXD	PIN5	VCC
PIN3	USB-DM	PIN6	GND