



# UNITELLER Pro

Transforming Signatures into Trusted Validations.

# Integrated Multiple Function

UNITELLER Pro, a new all-in-one biometric terminal, is equipped with a 11.6" LCD touchscreen, and multiple recognition and verification modules. A professional technical support team, and high-accuracy recognition devices, provide integrated solutions for biological information collection and identity information confirmation.

UNITELLER Pro application includes a Bank Teller desk, Hotel check-in, Shop purchase, and Clinic registration.

## OVERVIEW

- 11.6" IPS LCD 1080P screen
- Precise biometric signature preserves the original handwriting Multiple advanced integrated modules for different solutions.
- User-friendly SDK and professional technical support team
- Multiple advanced integrated modules for different solutions

## TECHNICAL SPECIFICATIONS

### LCD screen

Size: 11.6" | Type: IPS LCD | Brightness:  $\geq 230$ cd/m<sup>2</sup> | Color depth: 24-bit true color  
Contrast: 1000:1 | Resolution: 1920\*1080 | View angle: Horizontal  $\geq 170^\circ$ ; Vertical  $\geq 170^\circ$   
Touch screen: Capacitance-electromagnetic | Touch control mode: 10 points capacitive touch  
Touch screen technology: G+G | Light transmittance:  $\geq 85\%$  | Surface hardness:  $\geq 6H$   
Lifetime: 1 million times | Mode of induction: Electro-magnetic induction  
Electromagnetic resolution: 2048LPI | Precision of coordinates: Center area  $\pm 0.5$ mm, marginal area  $\pm 2$ mm  
Sensor height: 5mm-15mm | Failure-free clicks of electromagnetic pen:  $\geq 1$  million times  
Pressure sensing of electronic signature:  $\geq 2048$  | Maximum read rate:  $\geq 200$  points/second  
Maximum pen holding angle: Allow  $\pm 45^\circ$  (angle between the stylus and the screen normal)

### Electromagnetic Pen

Passive electromagnetic pen: Support, replaceable nib, with lanyard hole, pen holder

### Camera (Optional)

#### Single-lens portrait camera (optional)

Pixels: 5.0MP | Sensor: 1/4" CMOS | Effective pixels@frame rate: 2592\*1944@15fps  
S/N:  $\leq 34$ dB | Dynamic range:  $\leq 67$ dB | Minimum illumination:  $\geq 0.1$ lux | Output format: MJPG/YUV2  
Focus mode: fixed focus | FOV:  $58^\circ$  | Rotation angle: up  $90^\circ$ ; down  $50^\circ$

#### Dual lens portrait camera

Pixels: 3.0MP(WDR) | Sensor: 1/3" CMOS | Effective pixels@frame rate: 2048\*1536@20fps  
S/N:  $\leq 39$ dB | Dynamic range:  $\leq 100$ dB | Minimum illumination:  $\geq 0.1$ lux | Output format: MJPG/YUY2  
FOV:  $68^\circ$  | Rotation angle: up  $90^\circ$ ; down  $45^\circ$

Pixels: 1.3MP(B/W) | Sensor: 1/3" CMOS | Effective pixels@frame rate: 1280\*960@30fps  
S/N:  $\leq 44$ dB | Dynamic range:  $\leq 83.5$ dB | Minimum illumination:  $\geq 0.01$ lux

### Camera scanner(optional)

#### K series

Pixels: 5.0/8.0/12.0/16.0MP  
Resolution: 2592\*1944(5.0MP) ; 3264\*2448(8.0MP) ; 4000\*3000(12.0MP) ; 4608\*3456(16.0MP) ;  
Sensor: 1/4" CMOS 5.0MP | 1/3.2" CMOS 8.0MP | 1/2.5" CMOS 12.0MP | 1/2.3" CMOS 16.0MP  
Focus mode: fixed focus | Exposure mode: manual/auto  
Scanning material: certificate, document, receipt, bill, card, 3D objects, etc. | Capture size: A4/A3  
Image format: JPG, TIF, PNG, BMP, PDF | Image quality: no flickering, ripples, noise, etc. visible to the naked eye. Regular light changes do not affect image quality. | Light source: natural light, LED light  
Image size: colors:300K; B/W: $\leq 60$ K | Scan speed:  $\leq 1$ s | Distortion rate:  $\leq 1\%$

#### Single lens portrait camera (optional, mount on G series scanner)

Pixels: 2.0MP | Sensor: 1/4" CMOS | Effective pixels@frame rate: 1600\*1200@30fps  
Minimum illumination:  $\geq 0.1$ lux | Output format: MJPG/YUV2 | Focus mode: fixed focus | FOV:  $60^\circ$   
Rotation angle: vertical  $40^\circ$ ; horizontal  $310^\circ$

#### The third camera (optional, mount on G series scanner)

Pixels: 2.0MP | Sensor: 1/4" CMOS | Effective pixels@frame rate: 1600\*1200@30fps  
Minimum illumination:  $\geq 0.1$ lux | Output format: MJPG/YUV2 | Focus mode: fixed focusFOV:  $70^\circ$   
Rotation angle: vertical  $50^\circ$ ; horizontal  $245^\circ$

#### Dual lens portrait camera (optional, mount on G series scanner)

Pixels: 3.0MP(WDR) | Sensor: 1/3" CMOS | Effective pixels@frame rate: 2048\*1536@20fps  
S/N:  $\leq 39$ dB | Dynamic range:  $\leq 100$ dB | Minimum illumination:  $\geq 0.1$ lux

Pixels: 1.3MP(B/W) | Sensor: 1/3" CMOS | Effective pixels@frame rate: 1280\*960@30fps  
S/N:  $\leq 44$ dB | Dynamic range:  $\leq 83.5$ dB | Minimum illumination:  $\geq 0.01$ lux

### Common model

Sensor type: semiconductor capacitive | Sensor size:  $\geq 20.4 \times 33.4$ mm  
Effective image size:  $\geq 10.4 \times 14.4$ mm | Image size: 256\*288 pixel | Resolution: 500dpi  
Method of comparison: 1:1; 1: N | Comparison time:  $< 0.1$ s (1:1) |  $< 0.5$ s (1:50) |  $< 1$ s (1:1000)  
False accept rate (FAR): 0.001% | False reject rate (FRR): 1% | Operating System: Android (Optional)

## KEY FEATURES



11.6-Inch LCD Display



Ensure High-Security Guarantee



Fingerprint Recognition



2048 Grade Pressure Sensitivity



SDK Available



NFC

### Code scanning module(optional)

Sensor: 640\*480 CMOS | Scan mode: command mode/induction mode/trigger mode  
Fill-in light: white LED | Scanning angle: rotation angle  $360^\circ$ ; elevation angle  $\pm 55^\circ$ ; deviation angle  $\pm 55^\circ$   
Capture speed: 1/60s

Depth of field: Code 128 10mil 18bytes: 40-150mm | Code 128 18bytes: 40-160mm  
QR 10mil 160bytes: 30-100mm | DM 15mil 100bytes: 30-120mm  
QR 18bytes mobile phone code : 30-200mm

### Card reader (optional)

#### Contact(optional)

Support 1.8V, 3V, 5V card | Support ISO7816 CPU card

#### Non-contact(optional)

Support non-contact card that complied with ISO14443(Type A) | Read distance: 0-30mm | Read speed:  $< 1$ s  
Compliance with ISO7816 standard

### Voice module

#### Speaker

Support 2, 4 $\Omega$ , 2W

#### Microphone

Support

### Communication mode

#### USB

Support

### Card slot

#### PSAM slot

Max 4

### Power

#### Specification

Input: AC 100-240V/50-60Hz  
Output: DC12V/2A

### Environment temperature

#### Work temperature

$-20^\circ\text{C}$ - $40^\circ\text{C}$

#### Storage temperature

$-20^\circ\text{C}$ - $60^\circ\text{C}$

### Weight

#### Net weight

About 2.13kg

### Dimensions

#### Length\*width\*height(mm)

376\*119.5\*113.9(mm)

### Certification

#### CCC

### Supported system

#### Windows

Support Windows 2000/XP/Vista/Win8/Win10 and above

