horus SCOPE

MPD 100
Smart Wound Carer

Software UI

Patient Information
- Patient ID
- Wound location

Thermal Image Live View

3D Image Live View

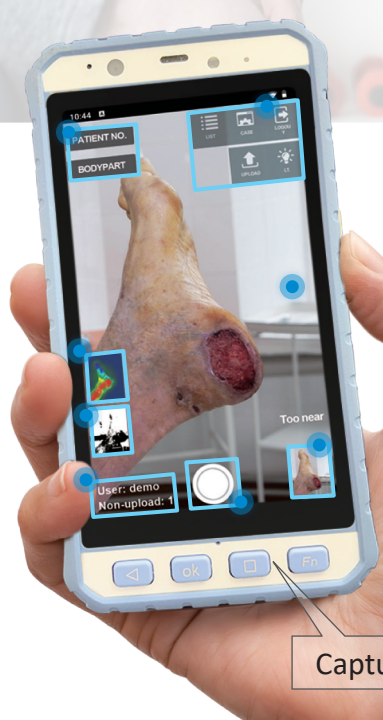### User Information
- User name
- Non-upload file

Function Bar
- Patient list
- Historical record
- Flashlight
- Logout
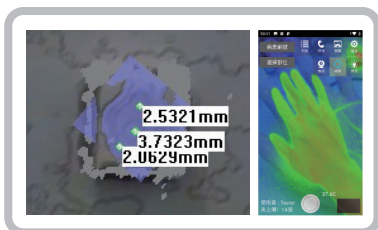- Upload

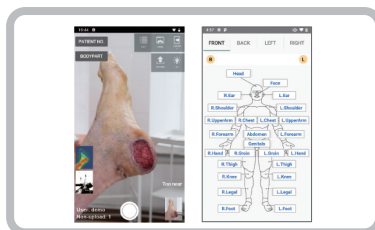### Color Image Live View

Preview

Capture Button

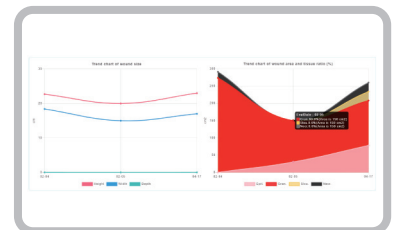**SW → Recovery Record & Tracking → Service Quality Improved**

Image Processing
- 3D/color image overlay
- Thermal/color image overlay

Wound Analysis APP
- User interface
- Data integration and upload

Cloud Base EMR System
- AI analysis
- Recovery tracking

Wound Care Assistant

Webcam
Video chat / Online diagnostic

3D Camera
- Dimensions measurement
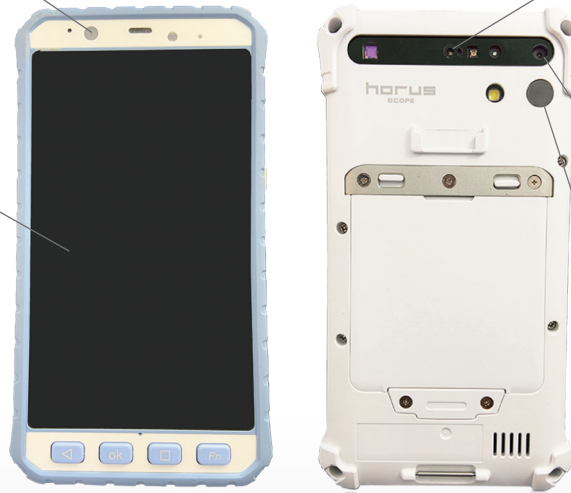- Depth measurement and leveling

Wound Analysis APP
Data integration and upload

Color Camera
Image record and tissue recognition

Cloud Base EMR System
- AI wound analysis
- Recovery tracking

Thermal Camera
Wound temperature distribution

Specification

Category	Item	Specification
System	Display	5" multi-touch LCD
	Resolution	1280 x 720
	Brightness	500 nit
	Touch	Projective Capacitive Touch
	OS	Android 9.x
	Processor	Qualcomm SDA660
	System Memory	LPDDR4 x 3GB
	Storage	eMMC 5.1 MLC 32GB
	Wi-Fi	802.11 a/b/g/n/ac
	Audio	Built-in Digital Mic, 1.5W Speaker
	Sensors	Light Sensor, G- Sensor, Gyroscope, E-Compass
	Battery	3900 mAh Li-ion
Wound Measurement Functions	Color Camera	Resolution: 13-Megapixel; Autofocus; FOV: 80°
	Thermal Camera	Resolution: 160 x 120 pixels; FOV: 57°(H) / 71°(D)
	3D Camera	Resolution: 1280 x 800 pixels; FOV: 50.7°(H) / 74.2°(V)
	Measurement Area	2mm x 2mm ~ 300mm x 400mm
	Working Distance	30 ~ 60cm

Scenario

Emergency

Pediatrics

Ward round

Clinics

Telemedicine

Education