

## What?

VV-100 is a notable device which is used to help infusion nurse and clinicians to locate the vasculature on the surface of the skin in a visualized and real time way, allowing clinicians to verify vein patency and avoid valves or bifurcations. It is handheld and lightweight, easily converts to hands-free with the use of optional wheeled or fixed stands.

**Reducing** the risk of failure in venipuncture.

**Satisfy** your patient.

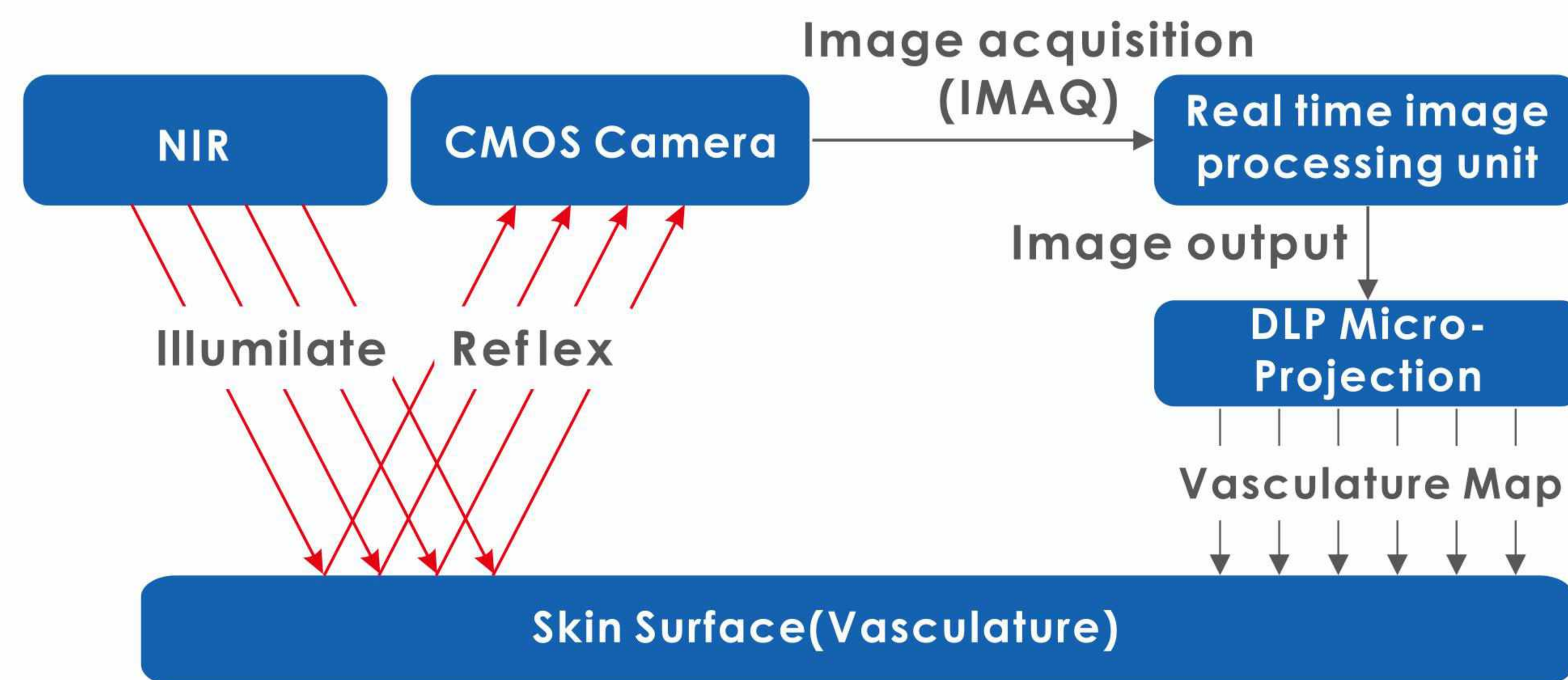
**Relieve** the tension between clinicians and patients.

**Control** the cost of Venipuncture.

## Why?

## How?

Hemoglobin in the blood absorbs near infrared light. When the device is held above the skin, veins appear noticeably different than the surrounding tissue. The vasculature shows up clearly on the skin's surface, aiding in vein location to collect a blood sample or administer IV medications.



## Where?



## Who?



## Feature:

- 1.3'' DLP display, simple to use.
- 350g, light weight and portable design.
- 3 different image size are selectable, suitable for adult, pediatric and neonate.
- 3 types of display mode, basic, inverse and enhance, meet all the request for a best vasculature map.
- 10 kinds of color display, design according to different user preference.
- 2 kinds of freehand solution is optional, mobile stand and fixed support.

## Specification:

|                          |   |
|--------------------------|---|
| Display                  | DLP Display                                     |
| Infrared Wavelength      | 850nm   |
| Image Resolution         | 856*480 pixel                                   |
| Visible Vein Size        | ≥1mm  |
| Penetration Depth        | ≤12mm   |
| Optimal Imaging Distance | 15~25cm   |
| Operating Mode           | Basic Mode, Inverse Mode, Enhance Mode          |
| Image Color              | Single Color and Mixed Color                    |
| Image Size               | Large(L), Medium(M), Small(S)                   |
| Brightness               | High(H), Medium(M), Low(L)                      |
| Power Supply             | Rechargeable Lithium Battery(3000mAh), DC 5V 2A |
| Battery Life             | 2 Hours after fully charged                     |
| Net Weight               | 350g  |
| Dimension                | 21.2x6.6x6.5cm                                  |

