VM607

W/L/H 3-face Photos Dimensioning Station

SCANTECH ID®
CHAMPTEK Group

Introduction

The VM607 model is an advanced overhead volume measurement system that measures a parcel's dimension quickly and accurately. Volume measurement can be triggered by barcode reading, and in the meantime it takes 3 photos at each side of the parcel, length, width and height sides with a ruler attached as reference.
The measured data and the 3 photos are transmitted right away to your designated host station/ computer.

You can do local setup and daily operation by its touchscreen; or you can do remote configuration and measurement by access its built-in web-based tool from an Ethernet connection host.

Features

- VM607 Includes one 3D volume measuring camera, three 8m pixels camera to take 3 photos of the parcel on W, L and H sides with a ruler attached at each side, a 2D barcode scanner, a 10" touch display.

- Easy alighment to place your carton aligning at the zero point.

- No moving parts, making it user-installable and easily maintained.

- Supports various configurable measuring ways, automatic, manual, barcode scanner or weighing scale triggering measurement.

- Its measurement data and 3 photos can be transmitted to a designated host immediately.

- No additional installation of software required on your PC. When connected to a network via static IP or DHCP, you can access its built-in web-based tool to do remote configuration, monitoring and measurement.

VM607

Specification

- **Physical Characteristics**

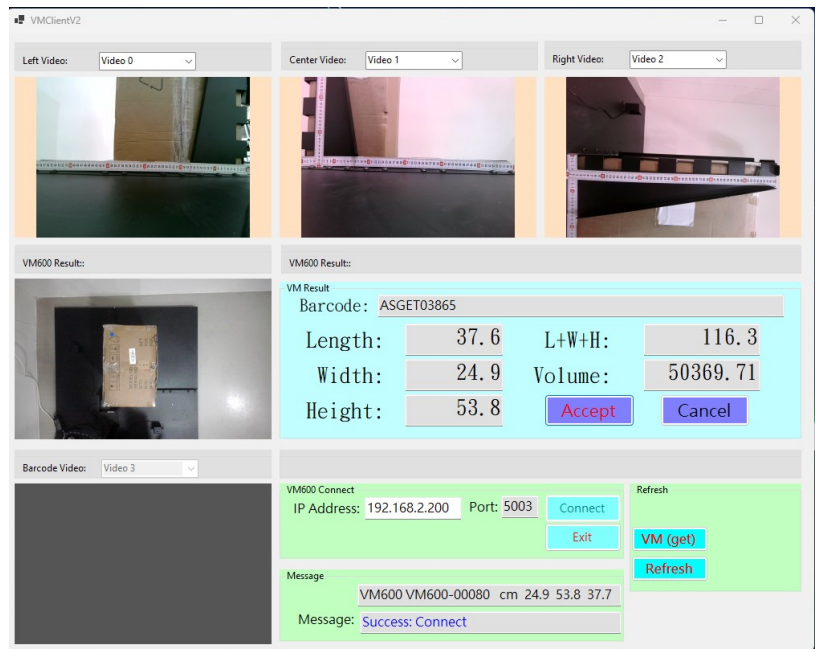|	
VM607 camera (WxLxH)	160 x 138 x 53 mm
Full assembly with Stand	1040 x 1040 x 1630mm
VM607 camera (weight)	725 g (25.57 oz)
Full assembly with Stand	TBD

- **Electrical Characteristics**

Input voltage	DC 12V
Power consumption (Typ.)	600mA operating

- **I/O Ports**

USB 3.0 Type A (Host) x 3
USB 3.0 Type C (Device) x 1
HDMI x 1
Ethernet port x1
Power jack port x 1

- **Environmental Specifications**

Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Relative humidity	0 to 70% relative humidity, non condensing
Ambient light	0 to 10000 lux, avoid direct sunlight
Sealing protection	IP42

- **Performance Specifications**

Field of view	Horizontal 74°, Vertical 50°
Shape	Mainly for measuring cubic and cuboidal carton
Accuracy	d=0.5, less than ±0.5cm deviation less than 1
Measurement time	second
Texture	All opaque packaging , except very glossy and transparent

- **Measurement surface**   The background should have a contrasting color for items to be dimensioned, avoid over polished or glossy surfaces for best performance

- **Indicator**   Beep and LED