

# VEO 600 VIDEO ENHANCED OBSERVATION



The Fife VEO 600 is a low cost, compact and easy to install and use video-assisted moving-web monitoring inspection system.

The VEO 600 uses a camera system with integrated strobe lighting, timed to your machine print cylinder, bull gear or printed mark to capture or “freeze” images of a moving web. This allows for the visual inspection of print quality, registration and other print processes by an operator at production speeds.

In addition, the VEO 600 features a 30:1 zoom function, up to 10 images per second, gamma adjustments and split screen with image freeze.

An intuitive system, it is available in manual, manual with remote and motorized options to fit your application needs, making your web inspection quick and easy.



## GENERAL SPECIFICATIONS

### Product Models

VEO 600-M:  
Manual positioning with  
keypad on camera

VEO 600-R:  
Manual positioning with  
keypad on remote

VEO 600-MTZ:  
Motorized positioning  
with remote

**Enclosures**  
IP20

**Ambient Temperature**  
0 to 40° C  
(32 to 104° F)

**Power Supply**  
110 to 240 VAC  
(50 to 60 Hz)

**Line Speed**  
400 m/minute  
(1,300 feet/min)

### Camera

Type: CMOS Imager

Output Resolution:  
1280 X 1024

Image Capture Rate:  
Up to 10X per second

Field of View:  
100 X 75 mm  
(3.9 X 3.00 inches)

Optical Zoom:  
30X

Strobe Head:  
Long-Life  
Xenon Lamp

### Monitor

Standard: 19 inches  
Optional: 24 inches

### Positioning Traverse

Manual Positioning:

Dual mount max.  
length: 3 meters  
(118 inches)

Cantilevered mount  
max. length: 1 meter  
(39.4 inches)

Motorized Positioning:

Dual mount max.  
length: 3 meters  
(118 inches)

### Positioning Speed

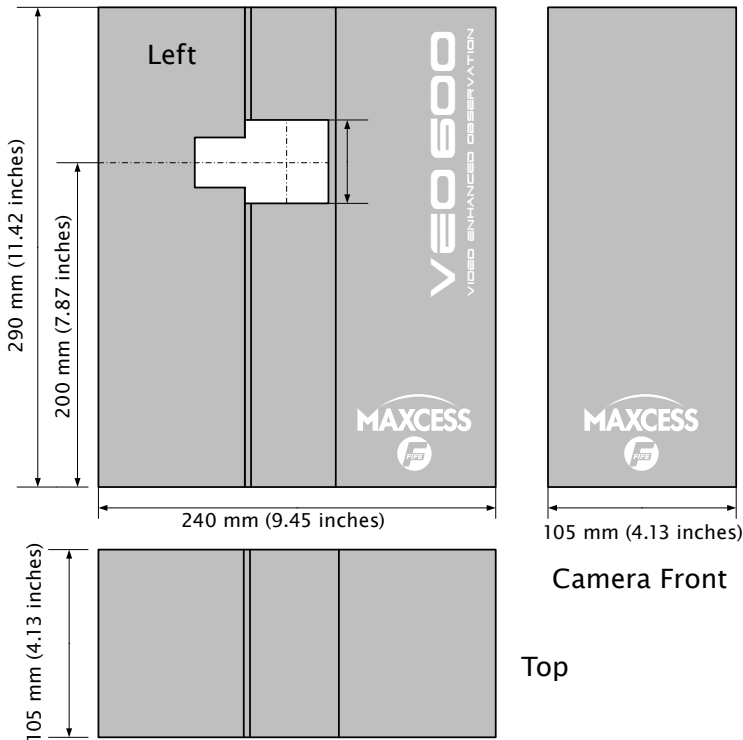
52 mm/sec  
(2.05 inch/sec)

## KEY FEATURES

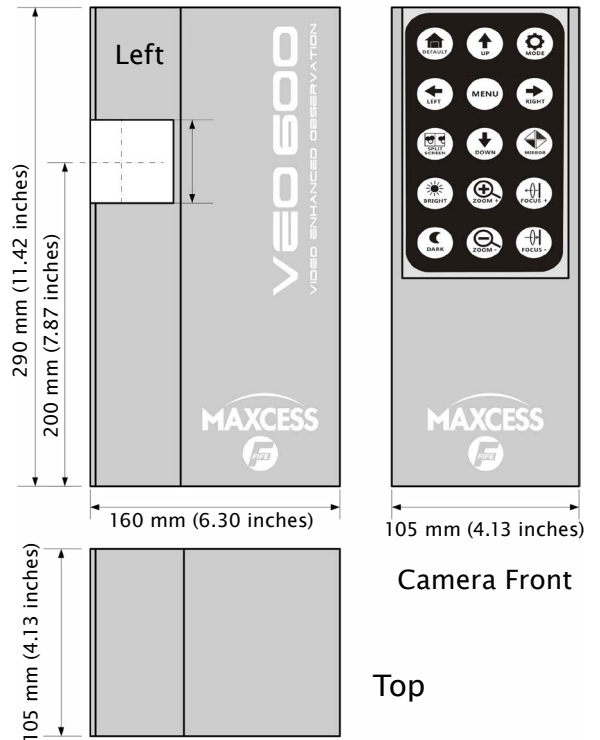
- Easy to operate
- Installs quickly (one cable from camera)
- 19” LED wide-screen monitor
- Dual mount or cantilevered mount
- Split-screen, image freeze and rotation
- Timing inputs include gear-tooth sensor, encoder, eye-mark sensor and external synchronization inputs
- Dual monitor available
- GAMMA adjustment
- Auto-scan
- Remote can be mounted on power supply, panel mounted or as an isolated remote (VEO 600-R and VEO 600-MTZ only)

# VEO 600 MODELS AND DIMENSIONS

**VEO 600-MTZ (motorized)**  
Configuration comes with power supply  
and remote keypad shown below

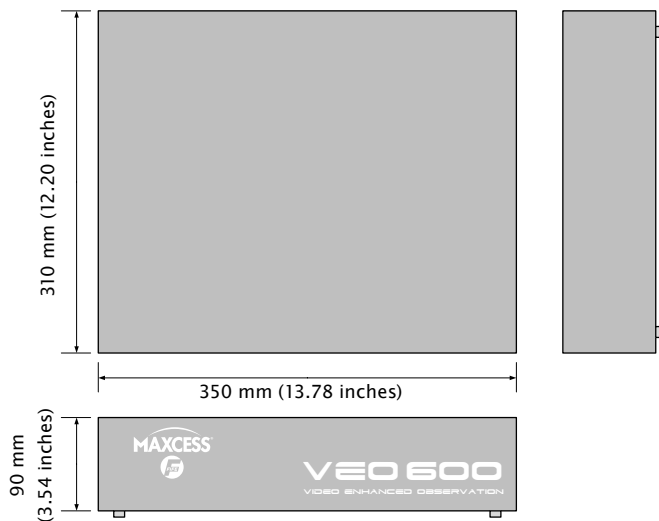


**VEO 600-M (manual)**  
Configuration comes with keypad on  
camera and power supply shown below

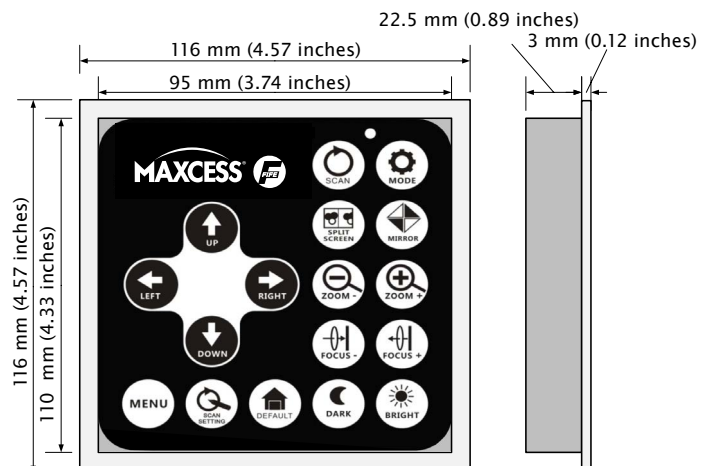


**VEO 600-R (manual with remote)** comes in same configuration as VEO 600-M but with the remote keyboard shown below in place of attached keypad

**Power Supply**

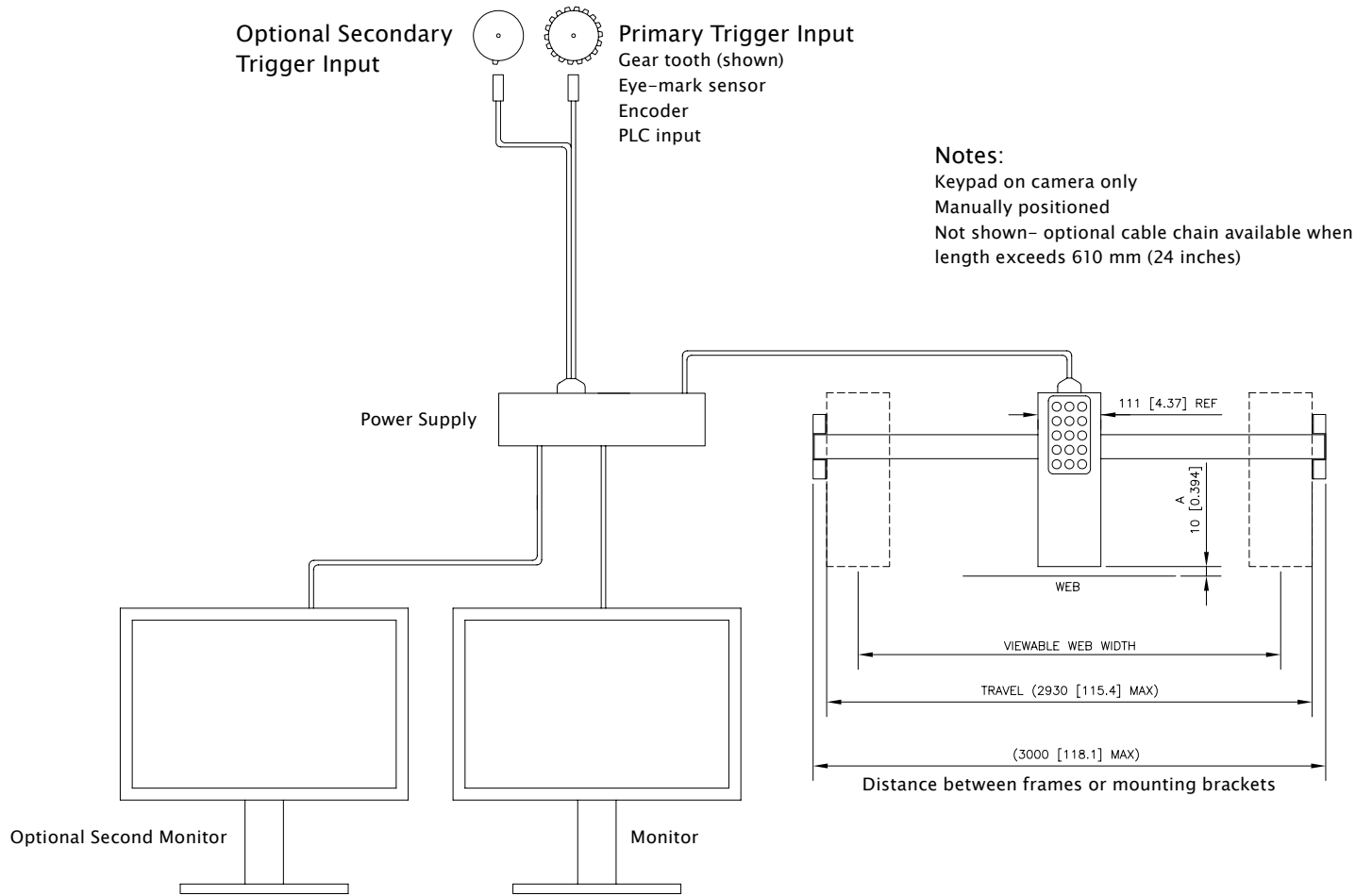


**Remote Keypad**



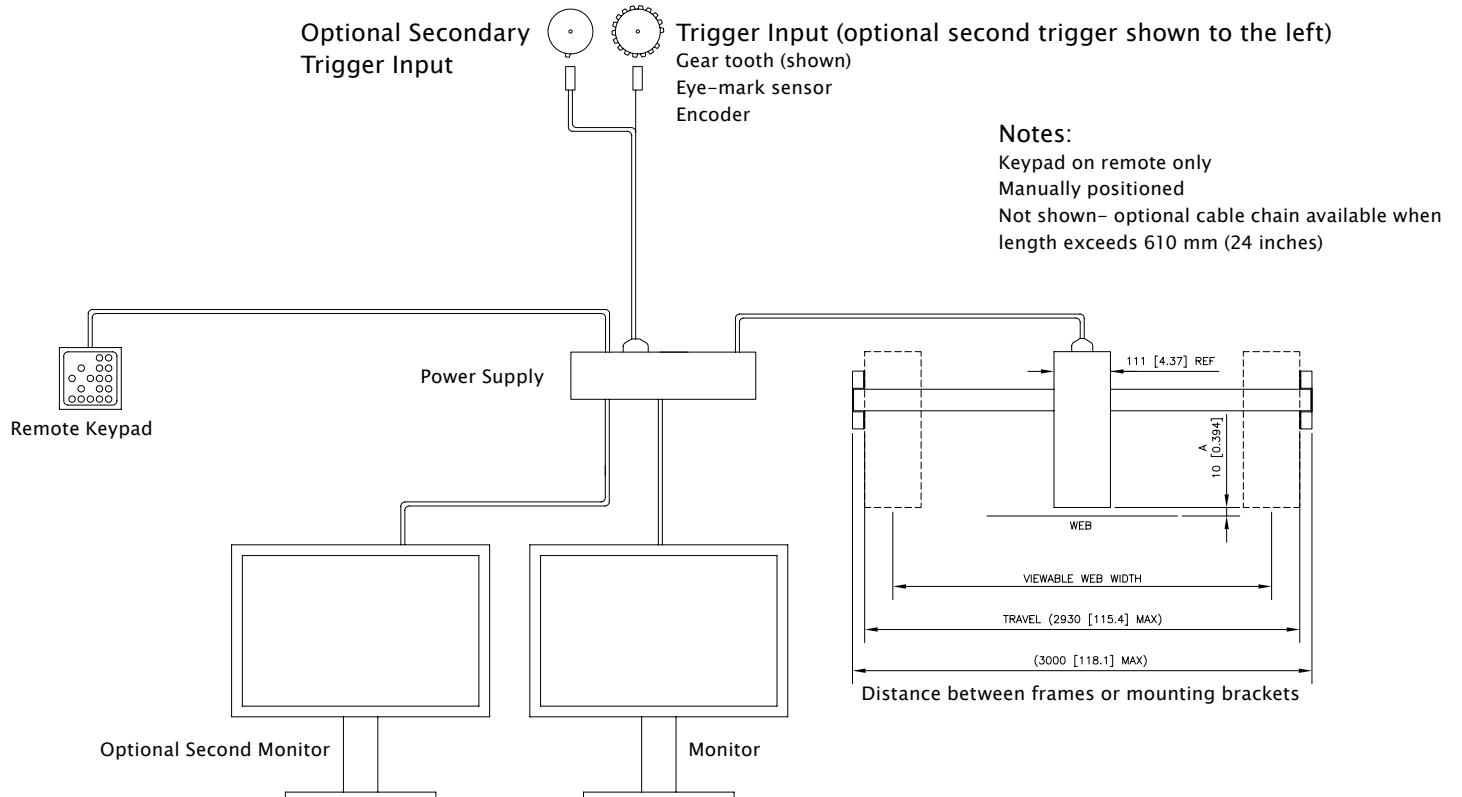
# VEO 600-M

## BASIC MANUAL SYSTEM BLOCK DIAGRAM



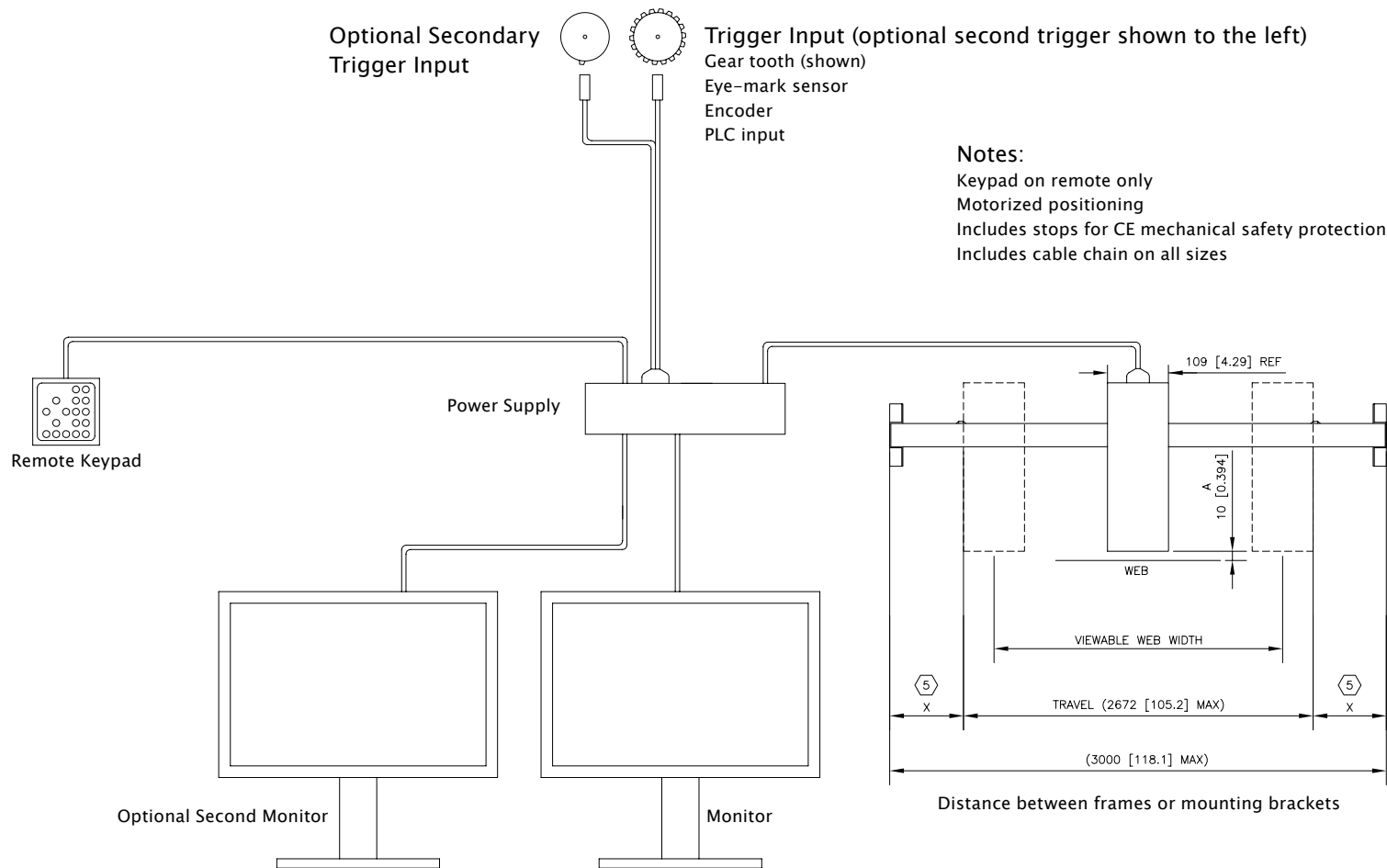
# VEO 600-R

## BASIC MANUAL WITH REMOTE SYSTEM BLOCK DIAGRAM



## VEO 600-MTZ

### BASIC MOTORIZED SYSTEM BLOCK DIAGRAM



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