

MPV100

MPV100 (MMI Portable Viewer) is a LCD display device specially designed to work with the MMI ToothMetrics, ViewMetrics, and FragMetrics products to make calibration and troubleshooting easy.

Features:

- Rugged 4" Active-Matrix LCD
- Military-spec connectors compatible with all MMI machine vision products
- Designed for modularity (can be used at the camera, at the boom joint, or inside the cab, with or without the portable battery)
- Comes with portable battery, battery charger, carrying case, and a 5' cable



Operation:



1) For adjusting the camera:

Connect any one of the cameras (bucket camera or surveillance camera) to MPV100, and insert the battery's power plug into the power jack. The battery will provide power for both the MPV100 and the camera. Turn on the unit by pressing the power switch. Since the technician on man-lift can now check the image being captured by the bucket camera, there is no need for assistance from another person in the cab.

2) For troubleshooting at the boom joint:

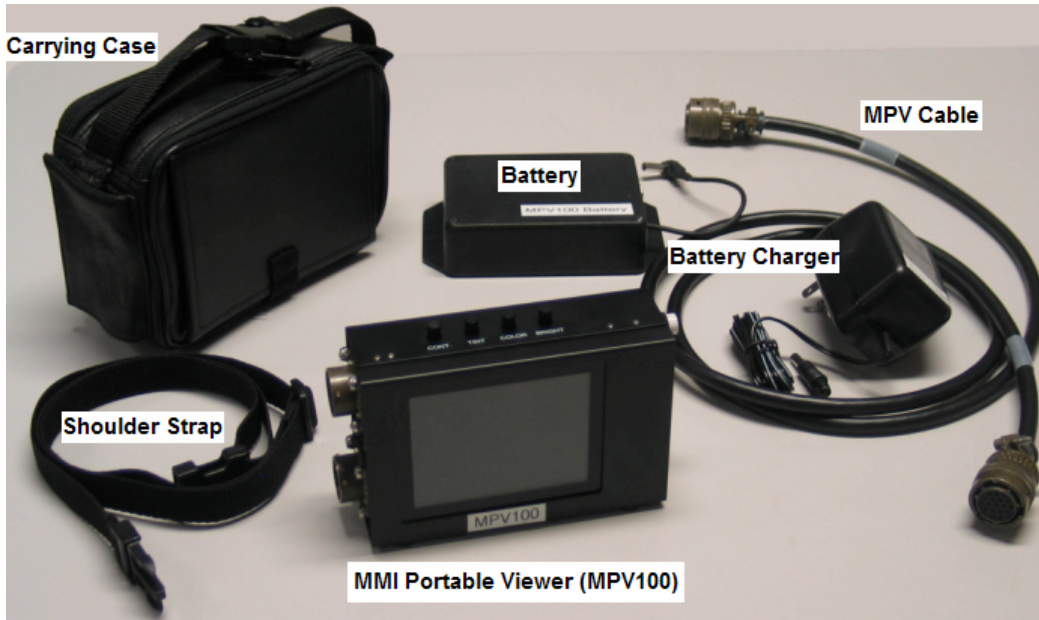
Unplug the bucket camera cables L1 and L2. Plug both L1 and L2 to the MPV100.

3) For troubleshooting inside the shovel cab:

Connect the camera cable to MPV100 inside the cab for troubleshooting the video signal that goes to the CPU box.

In all of the above scenarios, MPV100 can be either powered from the CPU system or from the included rechargeable 12V battery.

Included in the MPV100 Package:



Instructions for the Battery:

The MPV100 battery has a rated life of 150 to 2000 uses depending on the depth of discharge, proper storage, and correct charging. The battery has no memory effect. If used partially and then recharged its life goes up significantly. For extended periods of storage, ambient temperature of 40° to 65°F (10° to 20°C) is recommended. It is recommended that the battery be charged within 24 hours after every use. A partially or fully discharged battery can deteriorate during extended storage.

Charging:

1. Use only specified charger that comes with the battery
2. Disconnect the battery from the MPV100 LCD while charging
3. The battery can last for approx. 1 hour (when the camera's heater is not ON).
4. Do not charge the battery for more than 7 hours

Battery Attachment:

