

# VIDEOLOGY®

IMAGING SOLUTIONS INC.

## Instruction Manual

### 45M064 6.4" LCD Monitor

***Information may change without notice.***

This document provides technical information for the user. Videology reserves the right to modify the information in this document as necessary. The customer should make sure that they have the most recent manual version. Videology holds no responsibility for any errors that may appear in this document.

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## 1. Features

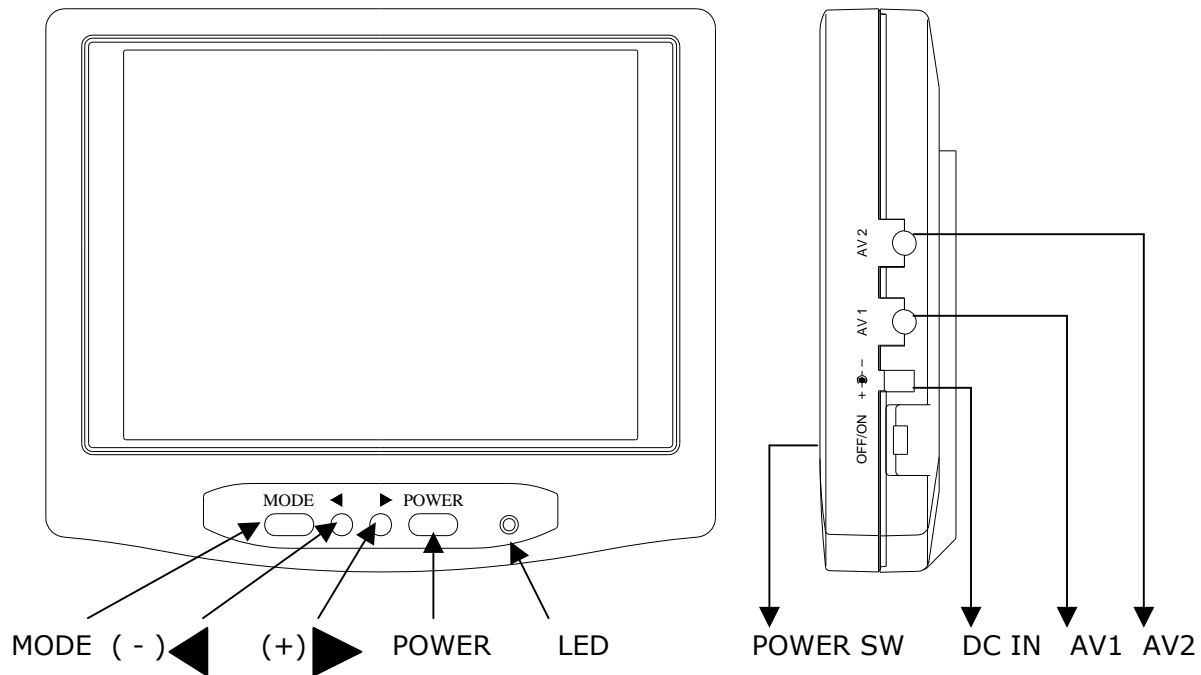
45M064 is controlled by an O.S.D. (On Screen Display) with a micro-computer to adjust Contrast, Brightness, Color, Tint and Volume. It has an EEPROM that could save the original setting when power is turned off.

45M064 sets up with the following:





- Power switch that could reverse right or left
- Car rear-auto switch
- NTSC / PAL menu switch
- Support AV1 / AV2 double input

45M064 is RoHS compliant.

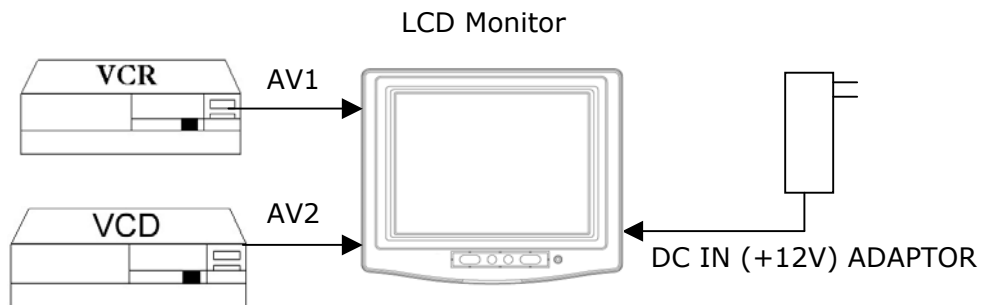
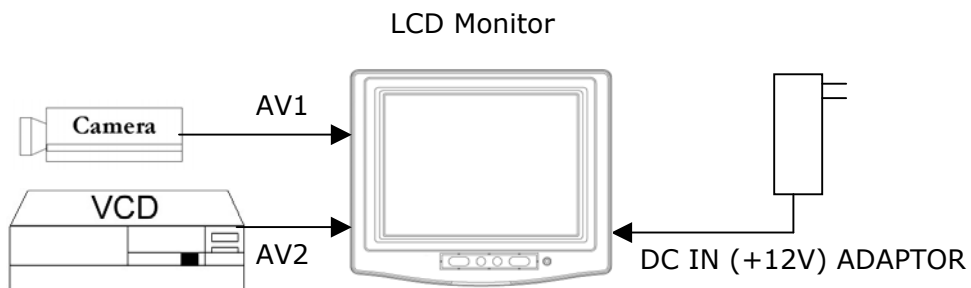
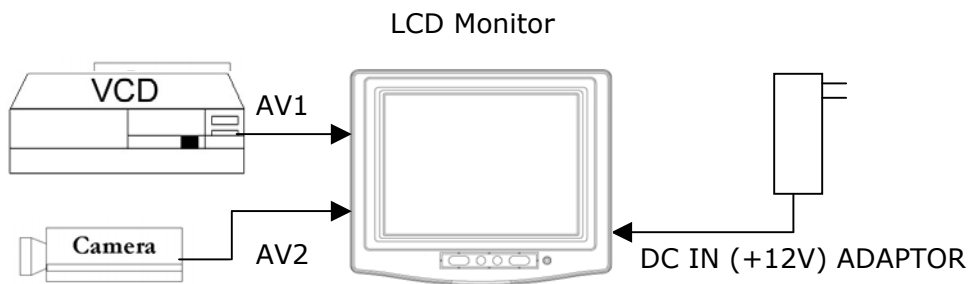
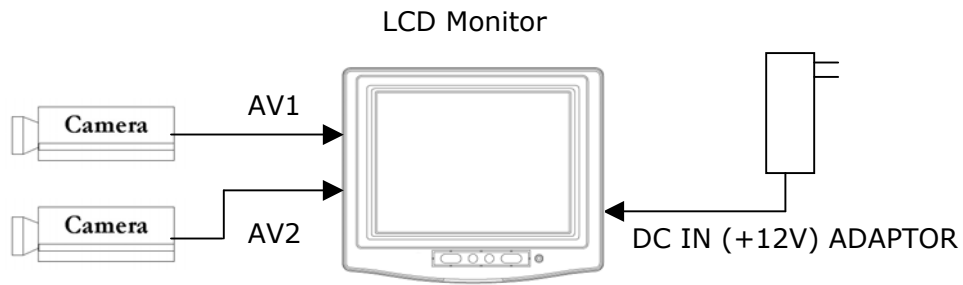
## 2. Functions



### 3. Operation

1. Connect Audio/ Video cable into either AV1 or AV2 properly (see Figure 1 & Figure 2)
2. Plug in 12VDC into DC jack
3. Turn main power "On" & press the power "On"
4. Select AV1 or AV2 by pressing the  (AV1) or  (AV2)
5. Press "Mode" to select Contrast → Brightness → Hue → Saturation → Sharpness → Mirror setting (mirror/u/d) → Volume.  
Press  or  to adjust from 0 - 100.
6. Press power on/off

## 4. Wiring Applications



## 5. Specifications

<b>Electrical</b>	<b>45M064</b>
Operating System	NTSC/PAL auto selectable
Picture Size	6.4" diagonal
Resolution (H x V)	960 X 234 pixels
LCD Type	TFT active matrix
Video Angle	Up 40 <sup>0</sup> , Down 55 <sup>0</sup> , Left 60 <sup>0</sup> , Right 60 <sup>0</sup>
Brightness	330cd/m <sup>2</sup>
Contrast Ratio	350:1
Video Input Signal	2CH A/V Input 1.0Vp-p at 75Ω
Audio Input Signal	(MONO) 30m~100mVp-p
Power Source	12VDC / 24VAC
Power Consumption	7.5 W
<b>Environmental</b>	
Operating Temperature	-20 <sup>0</sup> C ~ 70 <sup>0</sup> C (-4 <sup>0</sup> F ~ 158 <sup>0</sup> F)
<b>Mechanical</b>	
Dimensions W x H x D	172mm x 142.1mm x 34.9mm (6.77" x 5.59" x 1.37")
Weight	568g (1.25 lb)
O.S.D. Controls	O.S.D. Control: Mode, ◀, ▶, Power
Connectors	Mini phone jack/ Mini phone plug to RCA plug adapter

## 6. Contact

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<http://www.videologyinc.com/>

*Please note that data in this application note is subject to change without notification!*

**VIDEOLOGY IMAGING SOLUTIONS** is an ISO 9001 registered video camera developer and manufacturer serving industrial, machine vision, biometric, security, and specialty OEM markets. Videology designs, develops, manufactures, and distributes video, image acquisition, and display technologies and products to OEMs worldwide.

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