

## SPECIFICATION

DISPLAY	6.4" COLOR TFT LCD												
RESOLUTION	960(W) x 234(H)												
ACTIVE AREA	130.6(W) x 97.3(H)												
DOT PITCH	0.136(W) x 0.416(H)												
BACK LIGHT	CCFT												
INPUT SIGNAL	NTSC & PAL (auto-switch) composite video signal 1 Vp-p / 75 ohm												
	<table><thead><tr><th></th><th>NTSC</th><th>PAL</th></tr></thead><tbody><tr><td><math>f_H</math></td><td>15.75 KHz</td><td>15.526 KHz</td></tr><tr><td><math>f_V</math></td><td>60 Hz</td><td>50 Hz</td></tr><tr><td><math>f_C</math></td><td>3.58 MHz</td><td>4.43 MHz</td></tr></tbody></table>		NTSC	PAL	$f_H$	15.75 KHz	15.526 KHz	$f_V$	60 Hz	50 Hz	$f_C$	3.58 MHz	4.43 MHz
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$f_H$	15.75 KHz	15.526 KHz											
$f_V$	60 Hz	50 Hz											
$f_C$	3.58 MHz	4.43 MHz											
POWER SOURCE	DC 12V – 24V (ripple 0.5 Vp-p max.)												
RANGE OF OPERATING VOLTAGE	DC 10V – 30V												
POWER CONSUMPTION	8W max.												
RESPONSE TIME	$T_r$ = 25ms (max. 50ms) $T_f$ = 30ms (max. 60ms)												
CONTRAST RATIO	min. 100 at optimized viewing angle												
BRIGHTNESS	250 nit (min. 200 nit)												
VIEWING ANGLE	TOP 10 deg. BOTTOM 30 deg. LEFT/RIGHT 45 deg.												
OPERATING TEMPERATURE	-10~40 °C												
STORAGE TEMPERATURE	-20°C ~ 60°C												
OPERATING HUMIDITY	85% RH max.												
STORAGE HUMIDITY	85% RH max.												
OVERALL DIMENSION	180(W) x 135(H) x 35(D)												
WEIGHT	500 g												

## FEATURE

- 2 VIDEO INPUTS
- NTSC & PAL AUTO-SWITCH
- PICTURE ON DEMAND & POWER SAVING  
"NO SIGNAL, NO POWER"
- WIDE OPERATING POWER RANGE  
"10 V – 30 V"

LCD-642 has two video input. Video source ("video 1" or "video 2") can be selected by "SELECT" button.

LCD-642 can accept both of NTSC and PAL systems and switch automatically. Image will roll for 1 second when it is investigating video system.

The display will be switched forcedly to "video 2" source and left/right image will be reversed forcedly when brown wire gets a Vcc input (5~30V).

Power will be off automatically after 6 seconds without any video signal inputs. And power will on automatically when either video signal input ("video 1" or "video 2") exists if power switch is on. It means to set power switch at "ON" situation and then power on/off of LCD-642 will be dependent on whether there is video signal input or not.

LCD-642 allows DC power input within 10V to 30V.

- MIRROR FUNCTION  
WITH TOTEVISION SPECIAL DESIGNED CABLE  
(NOT INCLUDED)

The display will be switched forcedly to "video 2" source and left/right image will be reversed forcedly when brown wire gets a Vcc input (5~30V).