

# New TFT Generation

# DISPLAY LC

The LCD Leader



Tianma has two 5.7" (QVGA + VGA) industrial type TFT's with a wide Temp. range and 50.000h LED lifetime. In addition to that, a new range of 6.0" and 6.2" TFT's with 800x480 resolution (including a touch version) has been established.

	Unit	TM057KDH01	TM057QDH01	TM060RDH03	TM060RBH01	TM062RDH03
Resolution	RGB	320 x 240	640 x 480	800 x 480	800 x 480	800 x 480
Colors		18Bit / 262k	18 Bit / 262k	24 Bit / 16 Mio	24 Bit / 16 Mio	24 Bit / 16 Mio
Viewing angle	o'clock	6	6	12	12	12
Display Mode		Transmissive	Transmissive	Transmissive	Transmissive	Transmissive
Touch		No	No	No	Resistive Touch	No
LCM WxHxD	mm	144.0x104.6x12.3	144.0x104.6x12.3	145.5x87.8x3.4	145.5x87.8x4.5	155.2x88.2x4.9
Backlight	pcs	LED / 15	LED / 21	LED / 21	LED / 21	LED / 24
T <sub>Op.</sub>	°C	-20 / +70	-20 / +70	-20 / +70	-20 / +60	-20 / +70
T <sub>Stg.</sub>	°C	-30 / +85	-30 / +85	-30 / +80	-30 / +70	-30 / +80
Viewing angle L/R	Degree	70/70	70/70	70/70	70/70	70/70
Viewing angle U/D	Degree	70/60	70/60	60/70	60/70	60/70
Contrast ratio		500	500	500	500	500
Brightness	cd/m <sup>2</sup>	400	400	350	280	400