

# 12" TFT LCD Display

# Industrial Application



Where Versatility Meets Flexibility

## K12TS / K12TX

Configuration		K12TS / K12TX
LCD Display		12" TFT active matrix panel
Pixel Pitch	K12TS	0.308 (H) x 0.308 (V) mm
	K12TX	0.240 (H) x 0.240 (V) mm
Max. Resolution	K12TS	SVGA 800 x 600
	K12TX	XGA 1024 x 768
Contrast Ratio		700:1 (Typ.) <small>w/o sensor or glass</small>
Brightness	K12TS	450 cd/m <sup>2</sup> (Typ.) <small>w/o sensor or glass</small>
	K12TX	500 cd/m <sup>2</sup> (Typ.) <small>w/o sensor or glass</small>
Response Time (Tr+Tf)		35 ms (Typ.)
Display Color		16.2M
Effective Display Area		246 (H) x 184.5 (V) mm
Viewing Angle (CR ≥ 10)	K12TS	160°(H) x 140°(V) (Typ.) <small>w/o sensor or glass</small>
	K12TX	160°(H) x 160°(V) (Typ.) <small>w/o sensor or glass</small>
Lamp Life (hr) / Backlight		50,000 ( Min. ) / LED
Input Signals		Analog, Digital,
Signal Connector	Analog	D-Sub15 pin ( VGA )
	Digital	DVI-D
Scan Frequency		60 ~ 75 Hz
Touch Panel		5 wire Resistive
Touch Interface		RS-232 x1 or USB A type x1
Key Control		Power on/off, with LED, Menu, Select, Adjustment (+, -)
Power		Universal Power Adapter Input AC 100~240V, 50~60 Hz Output DC 12V / 3.3A, 40W
Operating Condition	Temperature	0°C - 40°C ( 32°F - 104°F )
	Humidity	10% - 90% ( no condensation )
	Altitude	To 10,000 feet
Storage Condition	Temperature	-20°C - 60°C ( -4°F - 140°F )
	Humidity	10% - 90% ( no condensation )
Dimensions (WxHxD)		C Type : 310.5 x 240.5 x 46.5 mm F Type : 308.0 x 238.0 x 43.7 mm
Carton Dimensions (WxHxD)		387.0 x 412.0 x 241.0 mm
Weight (Net)		4.2 kg
Certification		CE, FCC

\* Specifications are subject to change without notice.

### Features

- ⊙ High contrast color TFT LCD display support resolution up to 800 x 600 (K12TS) or 1024 x 768 (K12TX). Compatible with IBM, VGA, VESA standards.
- ⊙ Support DDC 1/2B for Plug & Play compatibility.
- ⊙ Advanced OSD control for picture quality adjustment.
- ⊙ Auto detects multi-signals input.
- ⊙ VESA mounting.
- ⊙ RoHS Compliance.

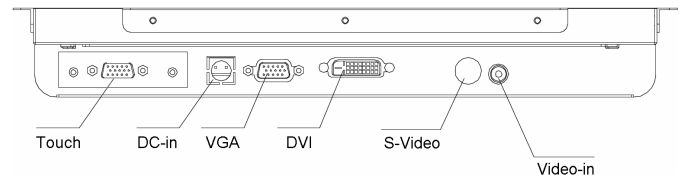
### Optional Accessories

- ⊙ Anti-Glare / Anti-Reflective tempered glass (MOQ) .
- ⊙ Capacitive Touch Solution (MOQ) .
- ⊙ Sunlight Readable (MOQ) .

( Project Base )

- ⊙ DC 24V input ( Lockable connector )
- ⊙ Video Signal input .  
- Signal Connector : RCA / S-Video  
- NTSC / PAL / SECAM video systems compatible .

### I / O Port



### Mechanical Drawing

Unit : mm

