

At last!
A rugged touchscreen display
that makes your information as
clear as day.

In-Sight™ Sunlight-Readable Displays



See The Difference.

From early morning sunlight, through the mid-day blast, into sunset and the dark of night, In-Sight transfective displays make your information perfectly clear and readable. Regardless of lighting conditions – including direct sunlight – these rugged industrial displays and touch screens deliver crisp text, fast response, outstanding touchscreen performance, and optimized viewing angles.

The display's exceptionally bright LCD display makes the entire screen readable, even in blazing sunlight. In fact, sunlight actually increases contrast and screen brightness. And in darkness, it can be adjusted to zero dimming to provide adequate viewing.

In-Sight's remarkable readability is based on advanced LCD contrast and brightness enhancements. Proprietary glare reduction features provide a crystal clear image under the brightest conditions, improving viewer comfort and confidence.

Count on Durability.

Designed to withstand harsh outdoor conditions, the thick 0.25" thick aluminum bezel and 16 gauge stainless steel chassis provide the rugged durability required for demanding industrial and commercial applications, such as

- Oil drilling platforms
- Agricultural equipment
- Aviation equipment and maintenance operations
- Auto racing pit management systems
- Off-road vehicles and earth-moving equipment
- Refineries and power generating plants
- Mining equipment
- Railway stations and track maintenance equipment
- Commercial passenger vehicle, RV, SUV, and automobile displays
- Commercial kiosks
- Fuel dispensing equipment



Display with our proprietary LCD Contrast and Brightness enhancements.

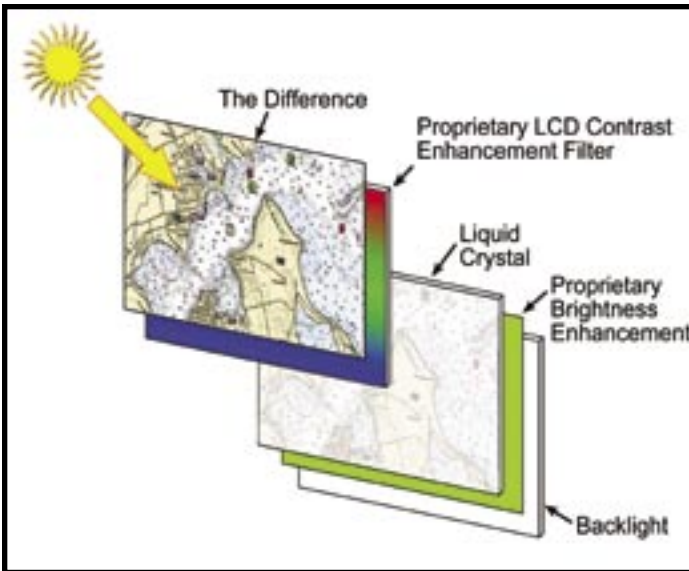


Display without our proprietary LCD Contrast and Brightness enhancements.

KEP has earned its reputation of providing rugged, reliable performance through more than forty years of designing and manufacturing factory displays, operator interfaces, and industrial computers. This engineering knowledge and application expertise has culminated in the development of a practical, dependable solution to outdoor computing, control, and communication.

Simplify Design.

Available in both touch screen and display only configurations, In-Sight peripherals are connected to an industrial PC via a factory-supplied VGA cable, and do not require any additional cards. The display accepts NTCS, S Video, VGA, and SXGA video inputs.



KEP's Proprietary LCD contrast and brightness enhancements make IN-SIGHT displays highly visible in all lighting conditions, even in direct sunlight!

In-Sight displays and touch screens are available in sizes of 12", 15", 17", 19" and 21", in either panel mount or chassis mount configurations. In-Sight is available in touch screen or display-only versions, in a variety of sizes and mounting configurations.

The display's front panel can also be modified or designed to meet the needs of OEM customers who require logo placement or custom packaging.

Get a Clearer Picture

For more information on KEP's new In-Sight displays and touch screens, we invite you to visit our website at www.kep.com, email us at info@kep.com, or call us at 800/631.2165

About KEP

Kessler Ellis is a widely diversified manufacturer of counters, timers, rate indicators, flow and level computers, PLC operator interfaces, graphical displays, industrial computers, and HMI software.

As an ISO 9001:2000 certified organization, KEP continues to focus on designing and manufacturing accurate and reliable equipment. Innovation, continuous process improvement, and customer responsiveness are the keys to helping our customers succeed in their business, and help us maintain a reputation of excellence.

Specifications:

Display Sizes	12", 15", 17", 19", 21"
Video Range	VGA, SVGA, XGA
Video Inputs	NTCS, S Video, VGA, SXGA, DVID (digital video interface)
Special Features	PIP (picture-in-picture)
Brightness	Ultra bright without backlight enhancements
Contrast Ratio	High contrast ratio
Colors	16 Million
Viewing Angle	Wide angle view
Bezel / Finish	Black Textured Powder Coat
Main Chassis	16 Ga. Stainless Steel
Power	90-264 VAC Auto Switching
Installed Depth	4.125"
Operating Temperature	0-50°C
Storage Temperature	0-50°C
Operating Humidity	0-95% Non Condensing
Storage Humidity	0-95% Non Condensing
TOUCH SCREEN	
Analog Resistive	5 wire
Touch Screen Res.	400 ppi
Screen Finish	Anti Reflective
Chemical Resistance	Acetone, MEK, Mineral spirits, Isopropyl alcohol, Methylene chloride
Estimated Life	>35 Million touches in one location
Computer Interface	Serial RS-232 (STD), PC-Bus (optional)
Electrostatic Protection	IEC-801-2

Ordering Information

FPM-12T-TF-IR ... 12" Display with Touchscreen
 FPM-15T-TF-IR .. 15" Display with Touchscreen
 FPM-17T-TF-IR .. 17" Display with Touchscreen

FPM-12-TF 12" Display without Touchscreen
 FPM-15-TF 15" Display without Touchscreen
 FPM-17-TF 17" Display without Touchscreen
 FPM-19-TF 19" Display without Touchscreen
 FPM-21-TF 21.3" Display without Touchscreen



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