

Oral Presentation

[LCT3]Advanced LCD Technologies

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[LCT3-3]An In-Screen Optical Fingerprint Recognition Structure for Full-Screen LCD

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We report a new type of LCD screen with an in-screen optical fingerprint recognition structure. This in-screen fingerprint recognition structure uses layers on the TFT&CF glass to make a collimating structure for accurate recognition. It can achieve fingerprint recognition at any position on the screen. It has a better user experience than traditional fixed location recognition.