



## KLT-IRSW-OS05A10 V2.0

OmniVision OS05A10 with IR Switch MIPI インターフェース 固定焦点 5MP M12 カメラモジュール

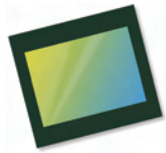


カメラモジュール番号	KLT-IRSW-OS05A10 V2.0	
イメージセンサー	OS05A10	IR SWITCH
EFL	1.95 mm	Input Voltage: 3.3V ~ 5.5V
F.NO	2.2	IR: 645nm +/- 15nm
ピクセル	2688 x 1944	AR: 700nm ~ 1000 nm
視野角	180°(D) 171.5°(H) 118°(V)	Operation (IR Day Time)
レンズタイプ	1/2.7 インチ	Red Line: Negative
レンズ寸法	22.20 x 21.50 x 12.96 mm	Black Line: Positive
モジュールサイズ	50.00 x 30.00 mm	Operation (AR Night Time)
モジュールのタイプ	固定焦点	Red Line: Positive
インターフェース	MIPI	Black Line: Negative

嵌合コネクタ部品番号: **WP7A-S024VA1**



メインボードのコネクタを接続します。別売りされている。



# OS05A10 5-megapixel product brief



## Versatile 5-Megapixel PureCel® Sensor with High Dynamic Range for a Wide Range of Commercial Security and Consumer Applications



lead free  
available in  
a lead-free  
package

OmniVision's low-power OS05A10 is a 5-megapixel image sensor that brings crisp 1080p high definition, 2K, and 5-megapixel video to a wide range of commercial security and consumer applications, including 360-degree full-view cameras. Built on OmniVision's advanced PureCel® pixel architecture, the OS05A10 utilizes backside illumination (BSI) technology to deliver enhanced low-light sensitivity and wide field of view (FOV).

Available in the popular 1/2.7-inch optical format, the OS05A10 enables video applications in widely used 4:3 and 16:9 aspect ratios. The sensor can capture 1080p full high definition slow-motion video at 120 frames per second (fps) and 2688 x 1944 resolution at 60 fps.

Additionally, the OS05A10 features a 12-degree chief ray angle (CRA) and a dual-exposure staggered high dynamic range (HDR) mode to enable excellent scene reproduction in difficult high-contrast lighting conditions.

The OS05A10 is compatible with MIPI and LVDS interfaces and comes in a chip scale package (CSP) of 6.6 mm x 5.9 mm.

Find out more at [www.ovt.com](http://www.ovt.com).



