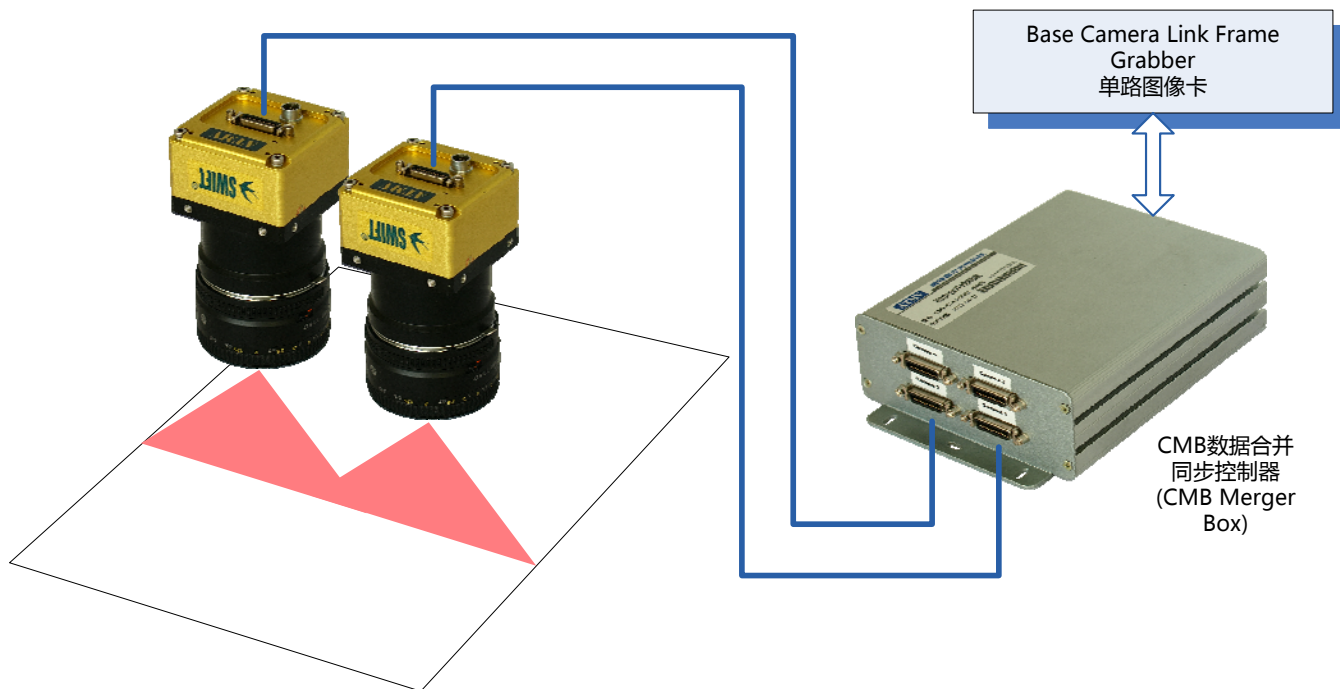


# CMB系列Camera Link数据合并同步控制器

## CMB Series Camera Link Merger Box

### 高集成度的多相机同步/拼接解决方案 Multi-Camera Sync, Data Merger Box



#### 产品简介 (Overview)

CMB系列产品可支持将2-4路Camera Link接口黑白或彩色线扫描相机数据输入合并为一个Camera Link Base型接口输出，从而实现使用单个Base型图像卡（采集带宽足够的前提下）对多相机数据的低成本采集方案；同时，CMB产品还实现了多相机的同步（不要求Camera Link数据线缆等长）。

CMB系列产品完全兼容我公司的S1系列产品，也部分兼容其它厂家的主流线扫描相机产品。

The CMB series camera link merger box can sync with 2-4 line scan cameras and merge the camera data to a single base camera link interface to frame grabber. It's low cost products for multi camera sync and increase system resolution.

The CMB products are fully compatible with our S1 series line scan cameras and also accepts ODM requests for medium and full camera link merger products.

#### 产品规格 (Specifications)

相机输入接口 (Camera Interface)	Camera Link Base (2-4 numbers)
相机数据格式 (Camera Data Format)	1T8 / 1T10 / 1T12 <sup>[1]</sup>
数据率 (Data Rate)	20MHz to 60MHz
输出接口 (Frame Grabber Interface)	Camera Link Base
输出数据格式 (Frame Grabber Data Format)	2T8 / 2T10 / 2T12 / 3T8 / 4T8B2 <sup>[2][4]</sup>
相机控制线 (Camera Control)	CC1 / CC2 <sup>[3]</sup>
电源 (Power Supply)	12V DC, 0.5A
功耗 (Power Dissipation)	<4W
尺寸 (Size)	65mm(W)×61mm(H)×43mm(L)
工作温度 (Operating Temp.)	0°C to 40°C
重量 (Mass)	<320g

<sup>[1]</sup> 相机需支持串行输出设置 (camera should support 1T8/1T10 / 1T12 Serial output mode);

<sup>[2]</sup> 4T8B2仅支持30MHz以下相机 (4T8B2 mode only for cameras output data rate 30MHz or below);

<sup>[3]</sup> 相机需支持CC1外同步功能 (Cameras should support external sync via CC1 line);

<sup>[4]</sup> 需图像卡支持 (Frame Grabbers should support multi-camera configuration);