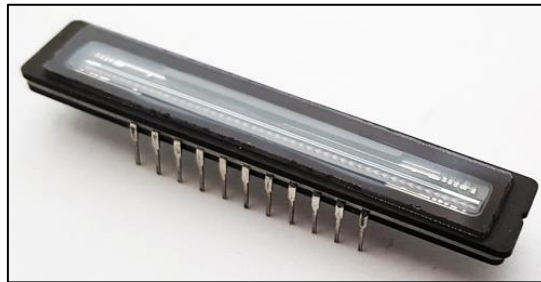


CAN 28	Colortrac Scanners - Global Scanning UK Ltd.	Page 1 of 1
Rev1.0	SmartLF SG CCD Specification	Date: 2018-10-23
This document intended to supplement the installation and operation manual or training and instruction sessions provided by Global Scanning UK Ltd. and its partners		

Introduction

Colortrac SmartLF SG uses six color image sensors (or cameras) totalling 64,080 pixels. This is more than enough to provide the 52,800 pixels needed for an optical resolution of 1200 dpi across the scanner's 44" scan width. A system of lenses and mirrors reduce the pixel density available at the chip down to the optical resolution required by the scanner specification.



Features

6 x 10680 sensor elements each of 48 lines/mm to provide minimum 1200 dpi across 44" scan width

3 x RGB color lines / sensor

1 x line B/W / sensor

Sensor element size:

Color: 2.625 μm by 8.4 μm on 2.625 μm centers

Black and white: 2.625 μm by 8.4 μm on 2.625 μm centers for B/W

Physical (each sensor element)

