



Sensors

CLS CAM 100 – State-of-the-Art Guiding!

Sustainable and highly flexible processes by object control.

A web that is stable and precisely guided is the basis for all web processes. But sustainability is also becoming increasingly important in addition to pure quality.

What if we had a solution for you that would allow you to save material without giving up the highest precision and efficiency?

A solution that puts the user in the focus and sets new standards in intuitive operation and flexibility.

With the camera-based sensor **CLS CAM 100** for web guiding by objects you get this unique solution.

- Precise detection of objects, lines, print marks or web marks by using a color-matrix-camera
- **Web guiding based on the print layout** offers several advantages compared to traditional guiding criteria like web edge or trimlines:
 - An **extra control line is no longer necessary**, which saves material and so reduces costs.
 - Possible web guiding fluctuations no longer have any influence on the control accuracy, since the **CLS CAM 100** also allows scanning for objects directly in the center of the web.
- Extreme high reliability at **web speeds up to 1,200 m/min**
- Optimal lighting performance via automatically controlled LED illumination integrated in the sensor head
- Intuitive user interface, as well as simple and fast operation:
 - The control medium is selected by a swipe gesture on the **7" touch display**.
 - Control criteria can be easily saved, allowing even faster subject changes
- simple setup
 - **no need to set up an additional trigger or trigger signal**
 - Installation on current BST controllers via plug and play
- Large measuring range of 60 x 40 mm for control criteria up to 30 x 30 mm and precise web guiding results

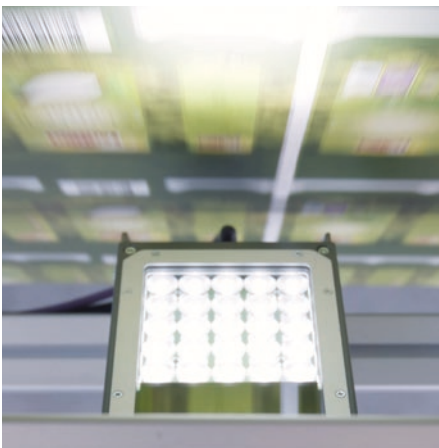
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CLS CAM 100

At a glance

While developing the **CLS CAM 100**, BST not only had the technology in mind, we also focused significantly on the needs of the operator:

- **The sensor head** includes a fast color matrix camera, an integrated illumination unit and a color display for operation.
- The included **7" touch display** of the **CLS CAM 100** can be used intuitively, allows the corresponding control medium to be defined by touch control and also acts as an observation monitor.
- The **central processor unit** has a powerful GPU and can be connected to current BST controllers via plug and play.
- The **CLS CAM 100** can be installed in new machines as well as **being retrofitted in existing production lines**.
- The installation is as simple as the operation. The **CLS CAM 100** does not even need a trigger or a trigger signal, which would otherwise have to be set up separately.



Compact design of the sensor head combines color matrix camera, LED illumination unit and touch display.



The control medium can be easily selected with a swiping touch on the 7" touch display.



Central processor unit with powerful GPU for web speeds up to 1,200 m/min

