



Powered by Chicago Coding Systems

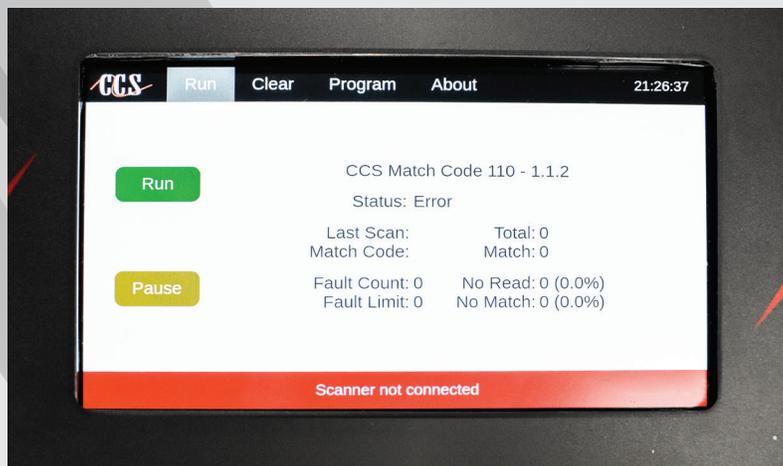
Innovative technology

The Emergent Vision system performs "matchcode" functionality, allowing the system to scan every package conveyed. A photocell detects the package, prompting the system to look for a specific symbol (type of code) and specific content (match function) to ensure all products are bar coded, barcodes are readable, and barcodes contain the correct content.

Unparalleled solutions

In the event of an unreadable or incorrect code, the scanning system provides an output for these individual scanning errors. This output runs an optional reject kit or a client provided reject station.

If consecutive no reads or no matches are received, a secondary output is engaged. This secondary output is accessible by the client and can be used to interact with a conveyor or packaging machine to stop the line operation.



High performance

The Emergent Vision system can scan at rates up to 200 ppm.

The Emergent Vision interacts with Microscan and Cognex scanners natively, in addition to deploying other scanner brands with ease.



Operations

The Emergent Vision system utilizes a tri-color stack light to indicate status during operation.

- Green light flashes on every good read.
- Yellow light flashes on individual no reads/ no match (and if present, the reject station fires).
- Red light illuminates when the max consecutive no read/no match threshold is reached.
- This energizes output 2, stopping operation if client is wired into their machine.
- Once latched, reset requires supervisor input to restart operation.



Key features

The Emergent Vision system utilizes an 8" color touch screen for all interactions. This interface allows for both user and supervisor access. These different user levels are password protected, with the supervisor level allowing the user to set the match codes to be validated via manual entry or manual scan.

The supervisor level also allows for system configuration and setup, while the user level only authorizes visual review of operation, start/stop process, and visual review of data scanned.



System requirements

Power: 100-240 VAC, single phase

Air: 80 psi (used for optional reject device only)

Communication

HDMI out (replicates display)

USB (access for optional reporting)

Ethernet RJ-45 port (4)

Trigger/cycle input

I/O

(2) Dry contact outputs

(1) No read/no match single fail

(1) No read/no match sequential limit fail

*Additional I/O present but requires custom software based on application