



World Class Printing Systems
for **Real World Applications**



VALIDATE YOUR CODES

SquidCheck™ offers print and validation of the bar codes printed on your cases, trays, pipe, or other products. SquidCheck utilizes bar code readers from Cognex®, the world's most trusted machine vision and industrial bar code reading company. The reader is integrated with a Squid Ink printer and SquidCheck interface to ensure that codes are present, scannable, and accurate.

IDENTIFY & ELIMINATE FAILURES FROM YOUR PRODUCTION LINE

SquidCheck allows users to automatically take control of your packaging line. Once a code is printed, the reader reads the code while SquidCheck communicates with the printer to confirm that this is the correct code to be printed. Code failures are identified and rejected as desired while SquidCheck safeguards that only correct and properly coded products advance to the next stage of your production line.

CAPTURE PERFORMANCE DATA FROM EVERY CODE

Performance data is captured, stored, and can be transferred to your business systems for evaluation or enhanced visibility. Users can receive images and feedback of each and every code, or just the errors as desired.

TINY FOOTPRINT MAKES INSTALLATION AVAILABLE ANYWHERE

Cognex readers offer straight or right-angle scanner configurations to fit into the tightest spaces. Inline and ninety degree configurations eliminate the need for machinery redesign or complicated optical paths with mirrors. SquidCheck's small footprint makes installation a snap and easily integrates with new or existing printing systems within minutes.

INSTALLATION AS EASY AS 1-2-3

SquidCheck systems and Cognex readers are fully assembled and pre-focused at the factory, making them ready-to-use right out of the box. Installation is completed in three easy steps:

1. Mount the camera in the correct location
2. Connect to power and SquidCheck I/O
3. Train the camera for your application, and go!

ANALYZE PRINT DATA & MAKE IMPROVEMENTS

The SquidCheck system gathers valuable data on reader and printer performance, and automatically catalogues each code. By analyzing data trends, users can identify issues due to poor printer setup or maintenance and help improve their overall coding performance.

SQUID INK HELPS YOU DELIVER YOUR PRODUCTS TO THE WORLD

Move your production facility towards zero code errors and end to end traceability of your products. SquidCheck helps facilitate better packaging line efficiency, less waste due to rework, and can prevent fines or compliance issues with your distribution or retail partners. SquidCheck is another example of how Squid Ink can help you deliver your products to the world.



SquidCheck is integrated with a Cognex® reader and Squid Ink printer to ensure that codes are present, scannable, and accurate.

FEATURES AT A GLANCE

- Bar code print quality validation on the fly
- Performance feedback on each and every code or error if needed
- Reporting of real-time or historical data
- Traceability of your product and protection of your brand
- Elimination of rework due to missing or unreadable codes because of poor printer setup or maintenance
- Cognex reader provides best-in-class read rates

SPECIFICATIONS

- **Bar Codes** - All standard including 2D
- **Image Resolution** - 1280 x 960 global shutter
- **Image Sensor** - 1/3" CMOS
- **Acquisition** - 10 fps
- **Max Decode Rate** - 10 decodes/second
- **Aiming LEDs** - Two green LED focusing targets
- **Status Outputs** - Light beacon, print verification status
- **Power Requirements** - 100 - 240 VAC, 50/60 Hz
- **Communication** - USB input to Squid Check I/O, ethernet to reader
- **Reader Dimensions Straight Position** - 1.7" L x .9" W x 2.5" H (43.1mm L x 22.4mm W x 64.0mm H)
- **Reader Dimensions Right-Angle Position** - 1.7" L x 1.4" W x 2.0" H (43.1mm L x 35.8mm W x 49.3mm H)
- **SquidCheck I/O Dimensions** - 4.0" L x 3.0" W x 1.875" H (102mm L x 76mm W x 48mm H)
- **Operating Temperature** - 32°F - 104°F (0°C - 40°C)
- **Storage Temperature** - 14°F - 140°F (-10°C - 60°C)
- **Operating System** - Windows 7 (32/64-bit), Windows 8, Windows 10, or Windows XP (32/64 bit)

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SquidCheck software gathers valuable data on reader and printer performance and allows user to improve their overall coding operation.



SquidCheck offers print and validation of 1D or 2D bar codes printed on all of your products.



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