



# InData Systems Hawkeye 2020

*"Read what others cannot see!"*



## Features and Benefits

- Illuminates UV and IR fluorescing Inks
- Quick decoding of multiple code types
- Integrated Ethernet networking
- Affordable solution for many scanning needs
- Rugged design for all types of applications

## Applications

- Automotive Industry
- Electronics
- Brand and integrity protection
- Protection from product diversion
- Track and trace any product

Developed for speed and accuracy in covert barcode reading, the InData Systems Hawkeye 2020 is a high performance fixed mount direct part mark (DPM) reader designed specifically to provide a low cost scanning solution for decoding fluorescing covert marks.

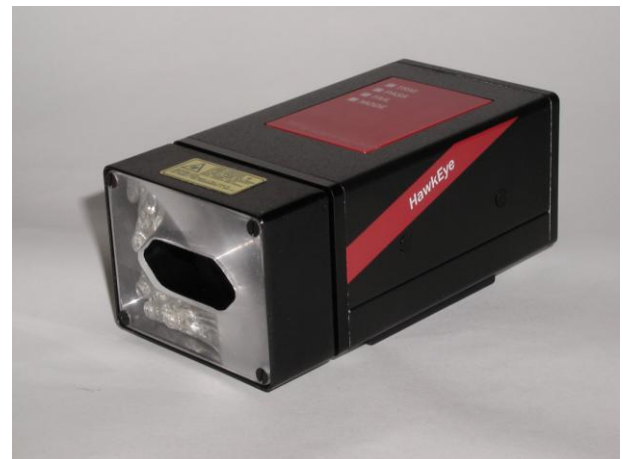
Offered in a user friendly smart camera format, the InData Systems Hawkeye installation and operation is fast and easy. The simple interface, advanced programming controls, and optional built in symbol quality verification make the Hawkeye 2020 a flexible and powerful reader.

Whether reading printed labels or direct part fluorescing marks, the Hawkeye 2020 provides a cost effective, reliable reading solution to read all kinds of covert marking technologies.

Reading up to 30 marks per second, the InData Systems Hawkeye 2020 can verify 1D and 2D marks, and decode a number of 1D and 2D barcodes.

Auto-photometry and auto-training for accommodating a very wide variety of parts without any parameter adjustments or programming makes the InData Systems Hawkeye 2020 the reader of choice.

For use in any industry or environment that requires direct part mark verification for in-process covert mark quality monitoring or covert decoding ability, the InData Systems Hawkeye 2020 can do the job in the most demanding environments.



## InData Systems Hawkeye 2020

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# Technical Specifications

## Specifications

### Performance:

<b>Optical Resolution:</b>	640 x 480m pixels
<b>Speed:</b>	Up to 30 parts per second
<b>Illumination:</b>	UV (Ultraviolet 375nm), Red, IR (Infrared) and others

### Symbologies:

**Decode Capability:** 1D: Code 39, Code 93, Code 128, UPC/EAN, UPC-E, UPC Supplementals, I2 of 5, BC412, Codabar, Postnet, Pharmacode, GS1 Databar and Composite

2D: Data Matrix, PDF417, QR Code

**Verification:** 1D: ANSI/ISO 15416, DoD-IUID string validation based on MIL-STD-130N

2D: ISO 15415, AIM DPM (Draft Rev D), AS9132/IAQG, DPM Verification

**Integrated Interfaces:** TCP/IP, RS232, Baud rates from 1200 bit/s to 115.2 kbit/s

**Digital I/O:** 1 opto-isolated input trigger, 3 opto-isolated outputs, 4 TTL level I/O, optional TTL level strobe output

### Mechanical/Electrical:

#### Dimensions:

**Length:** 4.59 in. (116.51 mm)

**Height:** 2.36 in. (59.95 mm)

**Width:** 2.84 in. (72.14 mm)

**Power Requirements:** 24V at 350 mA typical



### Environmental:

#### Temperature:

**Operating:** -0°C to 40°C – 32° to 104° F

**Storage:** -20°C to +65°C - -4° to 149° F

**Agency:** FCC, CE

Due to InData Systems continuing product improvement programs, specifications and features herein are subject to change without notice

