Magellan™ 34XXVSi On-Counter Imagers

September 2021

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Magellan 3410VSi and 3450VSi
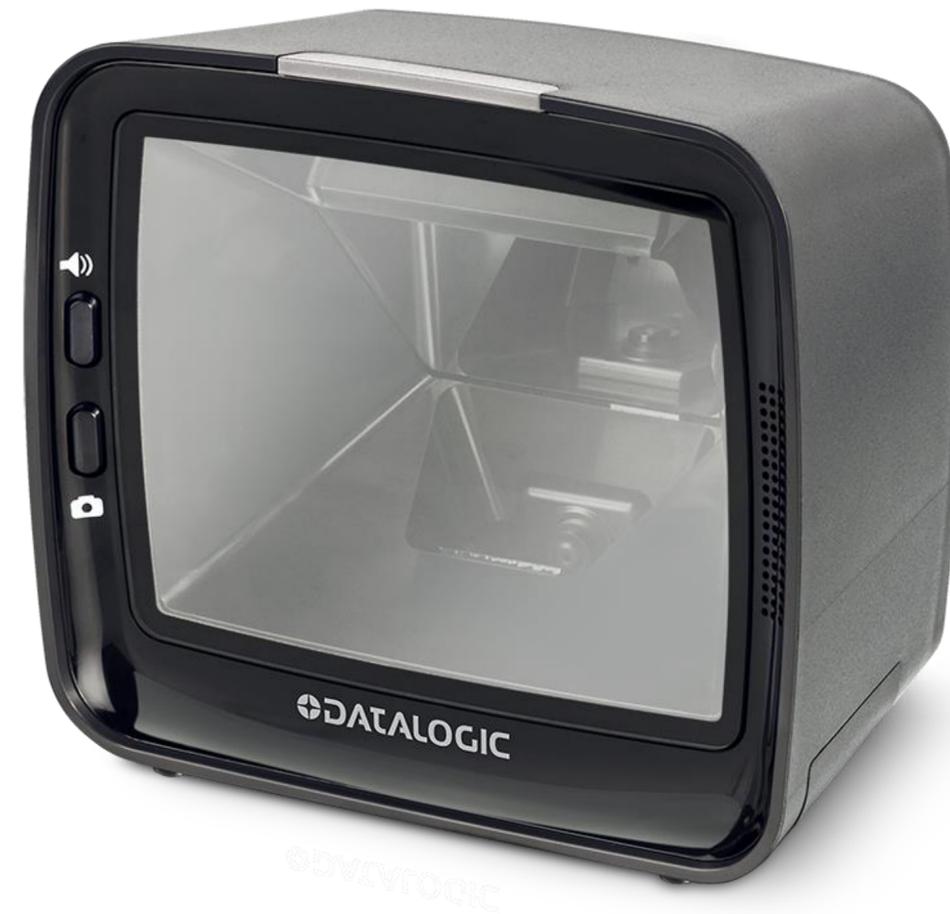
Versatile High Performance Imaging On-Counter Readers

Targeted Users and Environments

- Ideally suited for:

  - Small counter POS

  - 3 to 14 item count transactions

  - Presentation or sweep scanning

  - Identity or age verification applications

  - Service points using 1D, 2D or Digimarc® bar codes

- Retail Med-High Volume, Small Space:

  - Pharmacy/Drug Stores

  - DIY Stores and other specialty

  - Convenience Stores

  - Courtesy/Service Counters

  - Grocery and General Merchandise Stores

Magellan Single Plane Positioning

PRICE

PERFORMANCE

MAGELLAN
3450VSi
3550HSi

MAGELLAN
3410VSi
3510HSi

MAGELLAN
3200VSi
3300HSi

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Magellan On-Counter Single Plane Imagers - Easy, Reliable Performance

Key Benefits

- Class leading 1D, 2D, and Cell phone reading performance
- More user friendly illumination with newly developed object sense mode
- Another Datalogic First – the first Vertical Single Plane products to support Digimarc decoding
- Large scan volume and DoF comparable to laser technology
- Flexible USB Auxiliary port

DATALOGIC 3 YEAR WARRANTY

DIGIMARC | READY

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Magellan 3410VSi vs 3450VSi

What's the Same?

- Enclosure size/shape
- Illumination
- Accessories:
  - Mounts
  - Cables
  - Power Supplies

## What's Different?

3410VSi-Entry Level

- Reduced power processor
- Excellent throughput
- Powers from single USB 5V Connection
- Limited Digimarc decoding

3450VSi- High Performance

- High performance processor
- Highest throughput in class
- Highest performance on Digimarc

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Product Comparison

Product	Digital Imaging 1D/2D	Digimarc Ready	Object Sense Illumination Control	Illumination LED Color	EAS Support	Aux Port	Powers from 5V USB Connection	Magellan CSS Compatible	Sound Output	Enhanced Neon Processor
Magellan 3200VSi	Yes – 2D optional	No	No	Red	Yes	RS-232 – RJ9	No	No	Beeper	No
Magellan 3410VSi	Yes – 2D Included	Yes*	Yes	Blended Red	Yes	USB – Type A	Yes	Yes	Beeper	No
Magellan 3450VSi	Yes – 2D Included	Yes	Yes	Blended Red & Dark Red	Yes	USB – Type A	No	Yes	Speaker with .wav files	Yes
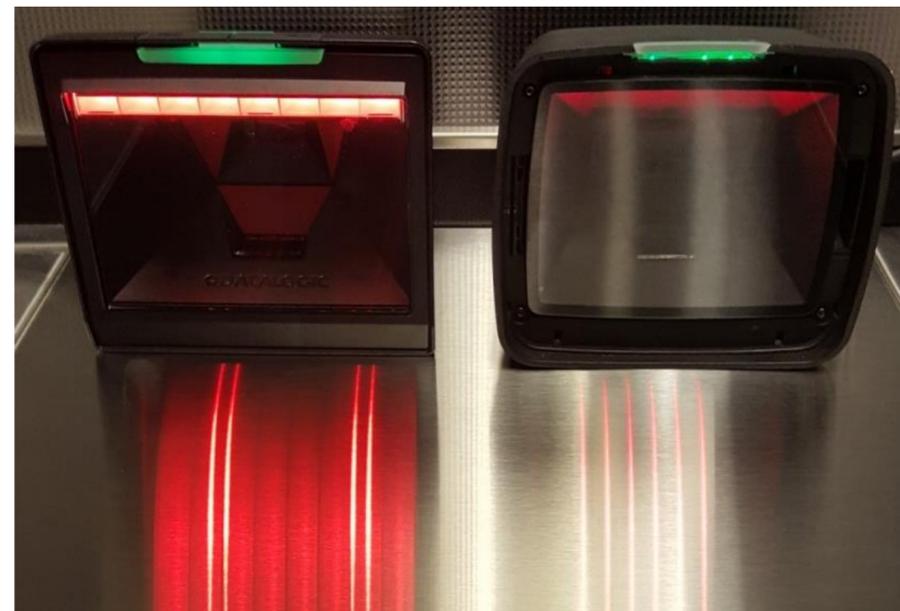
Mag 3200VSi   Mag 3410/3450VSi

* Limited Performance

Leading Performance on Difficult Codes

"BAD" AND "HARD-TO-READ" CODES

- Superior reading of hard-to-read 1D and 2D labels
  - Truncated
  - GS1 DataBar™
  - In-store printed bar codes
  - Distorted, torn, scratched labels
  - Low contrast
- Reads bar codes from a variety of sources
 - Paper
  - Driver licenses
  - Cell phone/PDA
  - Tablets

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More Intelligent Illumination…

- More comfortable lighting
  - Direct and reflected
  - Seated or standing
- Improved ambient light immunity from all sources
- Large good-read indicator
  - Easily viewable by the user and security cameras
- 100% LED design is safer and more reliable than laser diode based illumination
- Red colored LED's provide the best performance on the broadest set of codes
- Auto adjusts for cell phones and image capture

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Image Capture
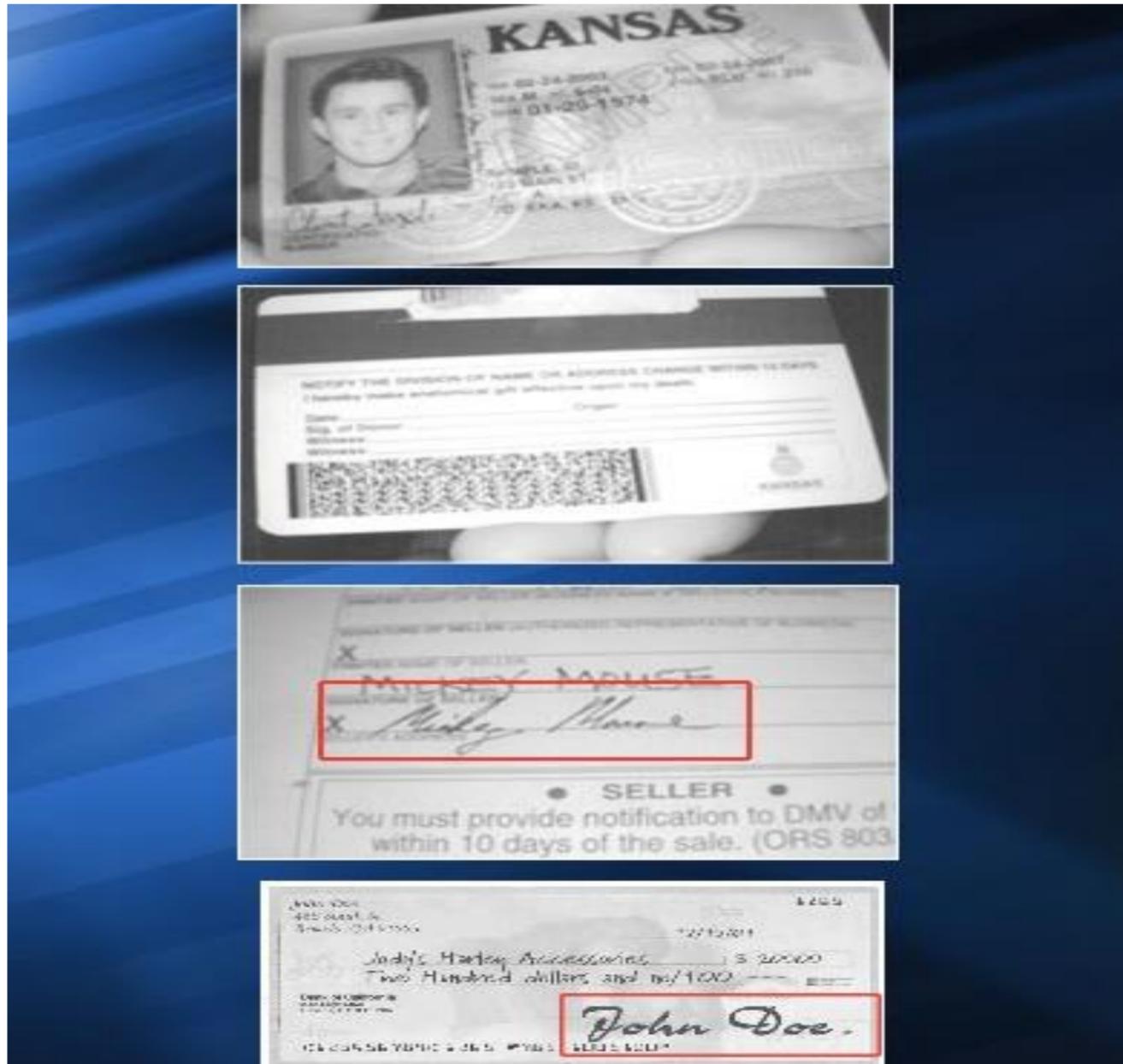
- Image capture to MicroSD card

- Image capture to POS Host Terminal

- Adjustable resolutions

- Configurable file types:
    - .jpg
    - .bmp

- Trigger images via Camera button or host command

Customizable Sounds

- Only a limited number of hardware-generated sounds are available on most products

- The Magellan 3450VSi uses .wav files to generate an unlimited range of sounds so retailers can deliver status and prompts **quickly** and **clearly** to the associate

- Sounds are customizable similar to ringtones on mobile phones

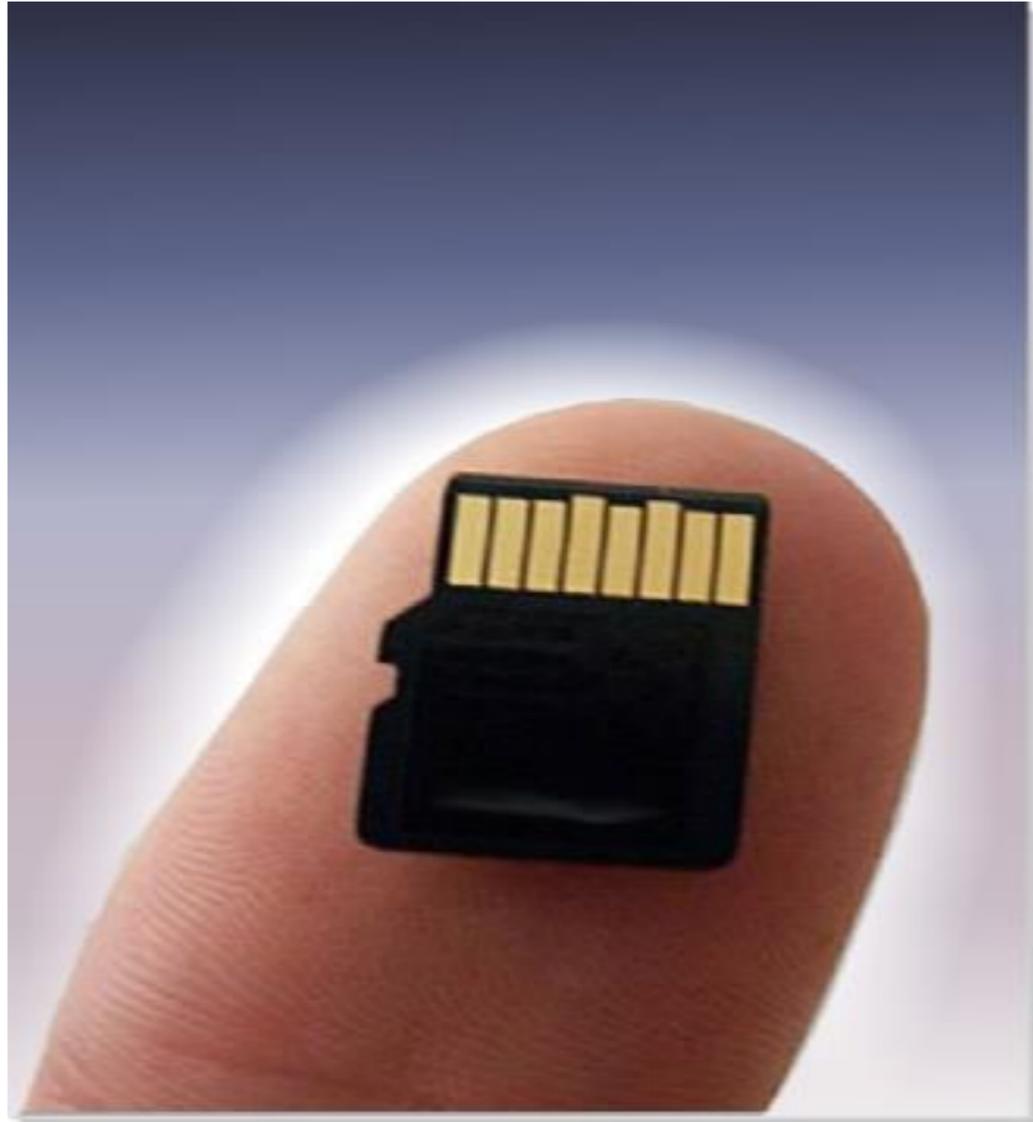# Electronic Article Surveillance

- Designed to accommodate the after-market installation of EAS systems from multiple suppliers

- Integrates easily with Checkpoint®, Nedap®, and Sensormatic® to assure read before deactivation control

- Seamless scanning and deactivation in one zone

# Managing Software and Data

- Application and Configuration Customization Tools
  - Scanalyzer™ On-Screen Programming PC tool via top-accessible USB
  - Load software from Micro-SD card
  - Traditional programming bar codes
  - Host download utilizing OPOS and JPOS
- Software upgrades via Micro-SD card
  - Add features and/or change configuration options
- Write diagnostic information to SD card

Value Added Features

Productivity Enhancement Software

- **Magellan ULE Advanced Data Editing**
    - Extends POS product life and improves operations
- **Diagnostics Reporting**
    - Lowers labor costs to service and manage assets
- **Remote Management**
    - Lowers service costs and improves operations

- **Valuable tools for improving operational efficiency and customer satisfaction**
- **Compatible with IBM Director / RMA using WMI**
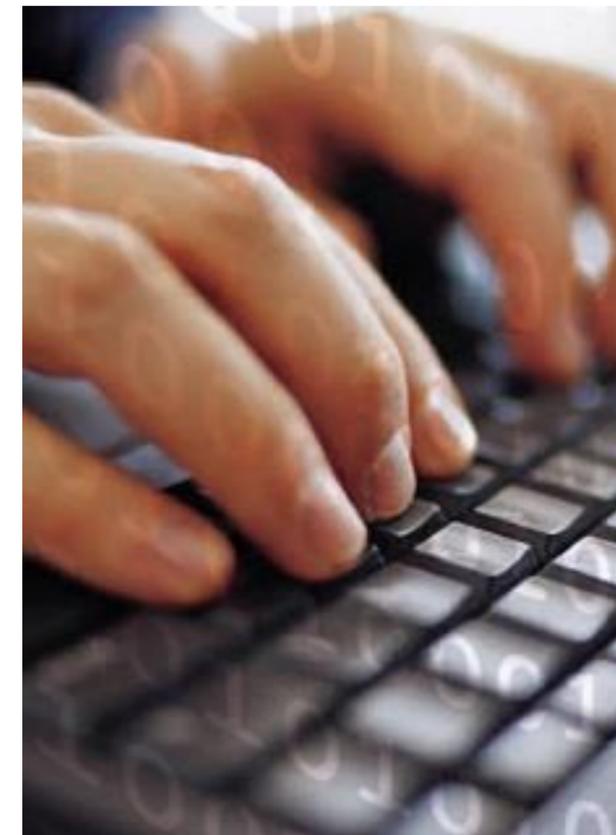
Standard Table/Wall Mount

Makes it easy to attached the Magellan 3410VSi or 3450VSi to a counter or wall...
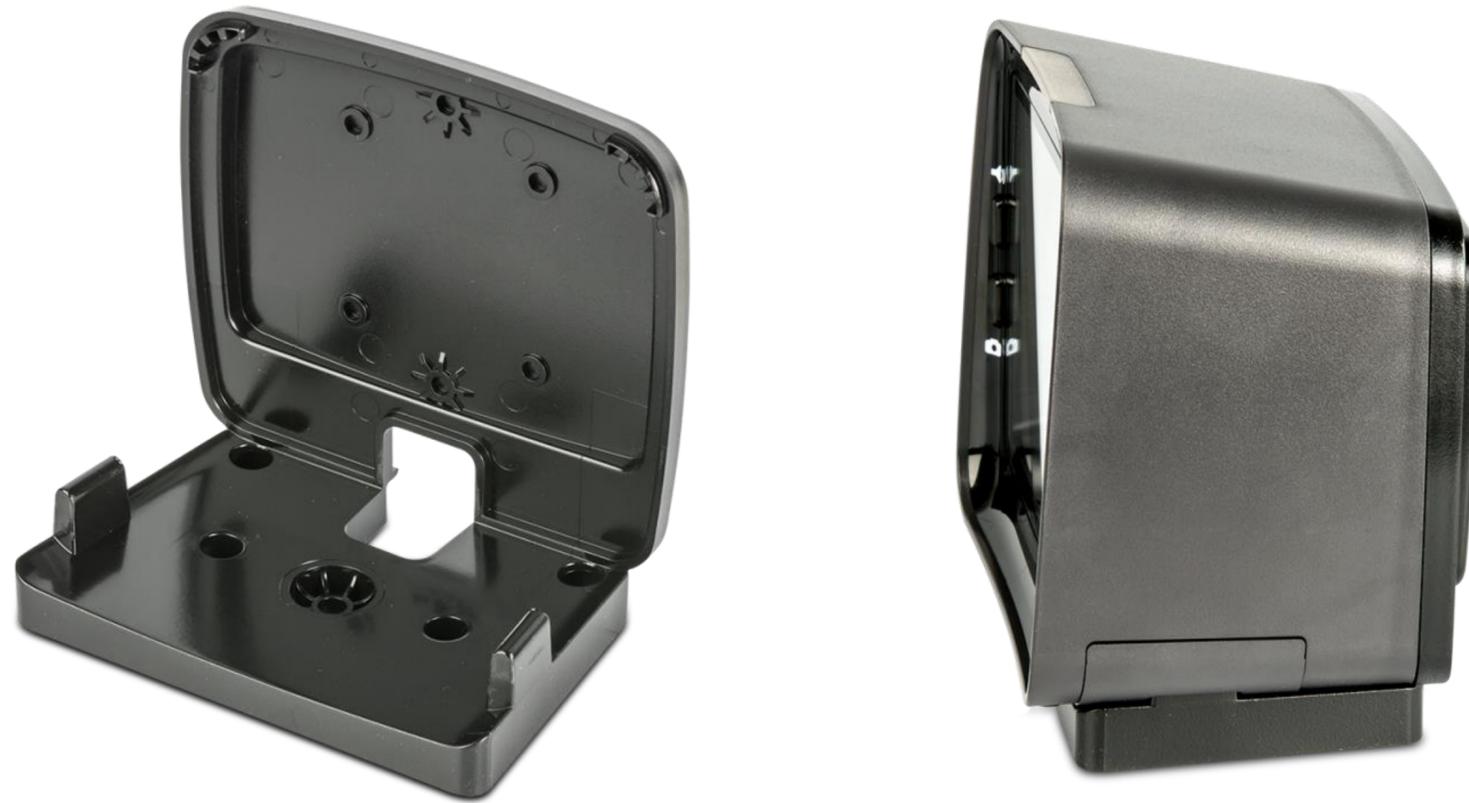
Part Number: 90ACC0299

Tilting Riser Stand

Elevates the Magellan 3410VSi or 3450VSi 50 mm and provides 25° of tilt...

Part Number: 90ACC0323

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Mobile Coupons and Loyalty Cards ...made easy

Magellan CSS Option

- Flexibly mounted Customer Service Scanner (CSS) provides a clearly targeted scan zone for customer use

- Cashier or customer initiated option as best fits your checkout process

- Easy reading of mobile coupons, loyalty cards, gift cards, etc.

- Can be used concurrently with scanner to maximize throughput

- Improves the shopping experience for the customer

- Bar code symbologies read by the Customer Service Scanner can be configured independently from the base scanner

- Adding a hand held scanner or Customer Service scanner requires an external power supply or 12V Host POS connection

Why Imaging is Better than Lasers

The Advantages of Imaging:

- Can read bar codes in any orientation
- Can read 2D bar codes
- Read bar codes from smartphones (e-coupons, loyalty cards)
- Capable of very high-speed reading
- Completely solid-state – no moving parts = more reliable
- Can be also used to capture images for item recognition
- Enables Digital Watermark reading like Digimarc Barcode/GS1 DW Code

Product Feature Summary

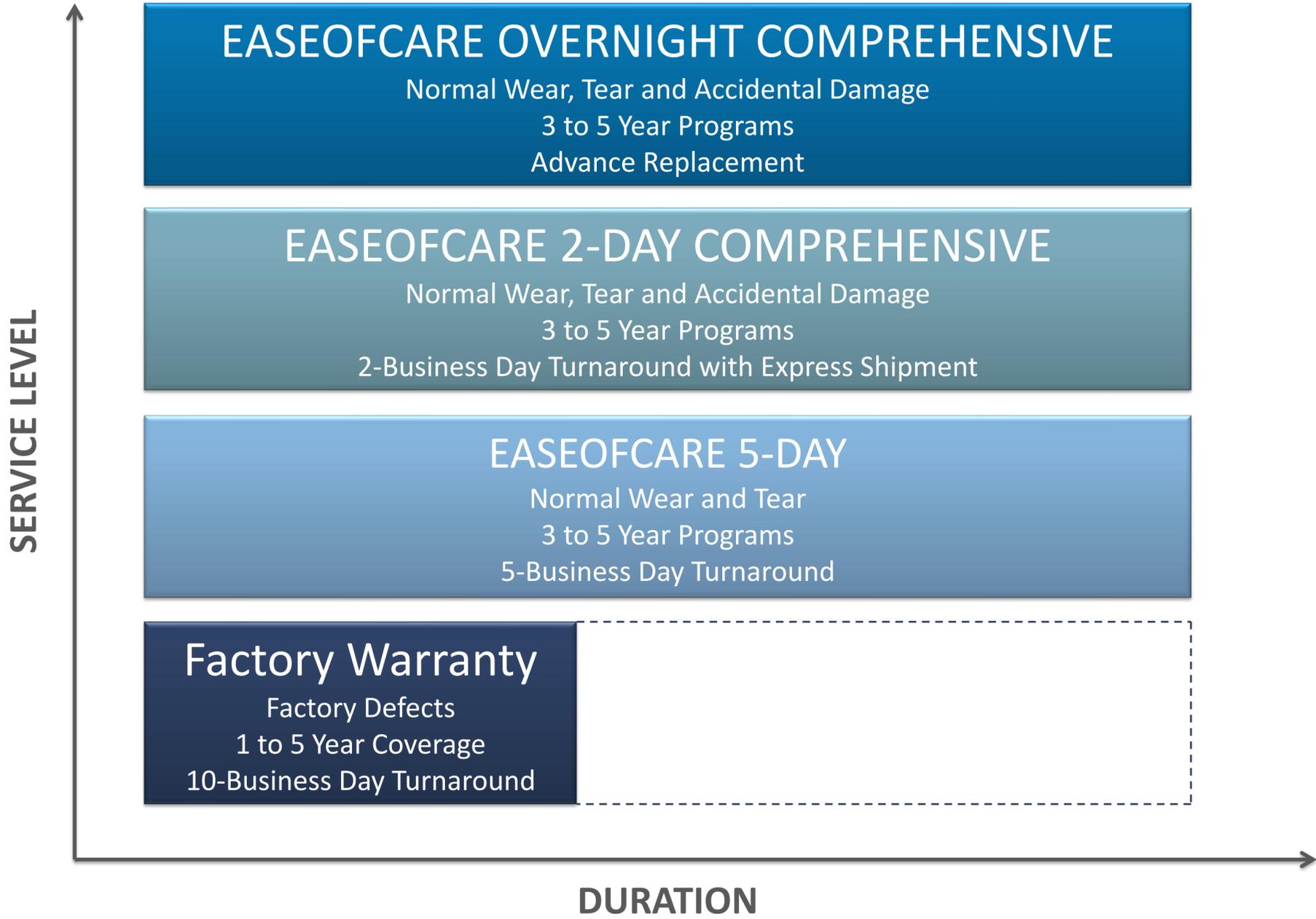| Feature	Magellan 3410VSi	Magellan 3450VSi
Large, intuitive Field of View	✔	✔
Built reliable for trouble-free use	✔	✔
More Intelligent Illumination	✔	✔
Seamless 1D/2D Reading	✔	✔
Seamless Cell Phone Reading	✔	✔
Customer Service Scanner	✔	✔
Built-in EAS support	✔	✔
Class leading 1D/2D Performance		✔
Digimarc Decoding	Limited Performance	✔
Powers from USB 5V	✔	

⊙DATALOGIC
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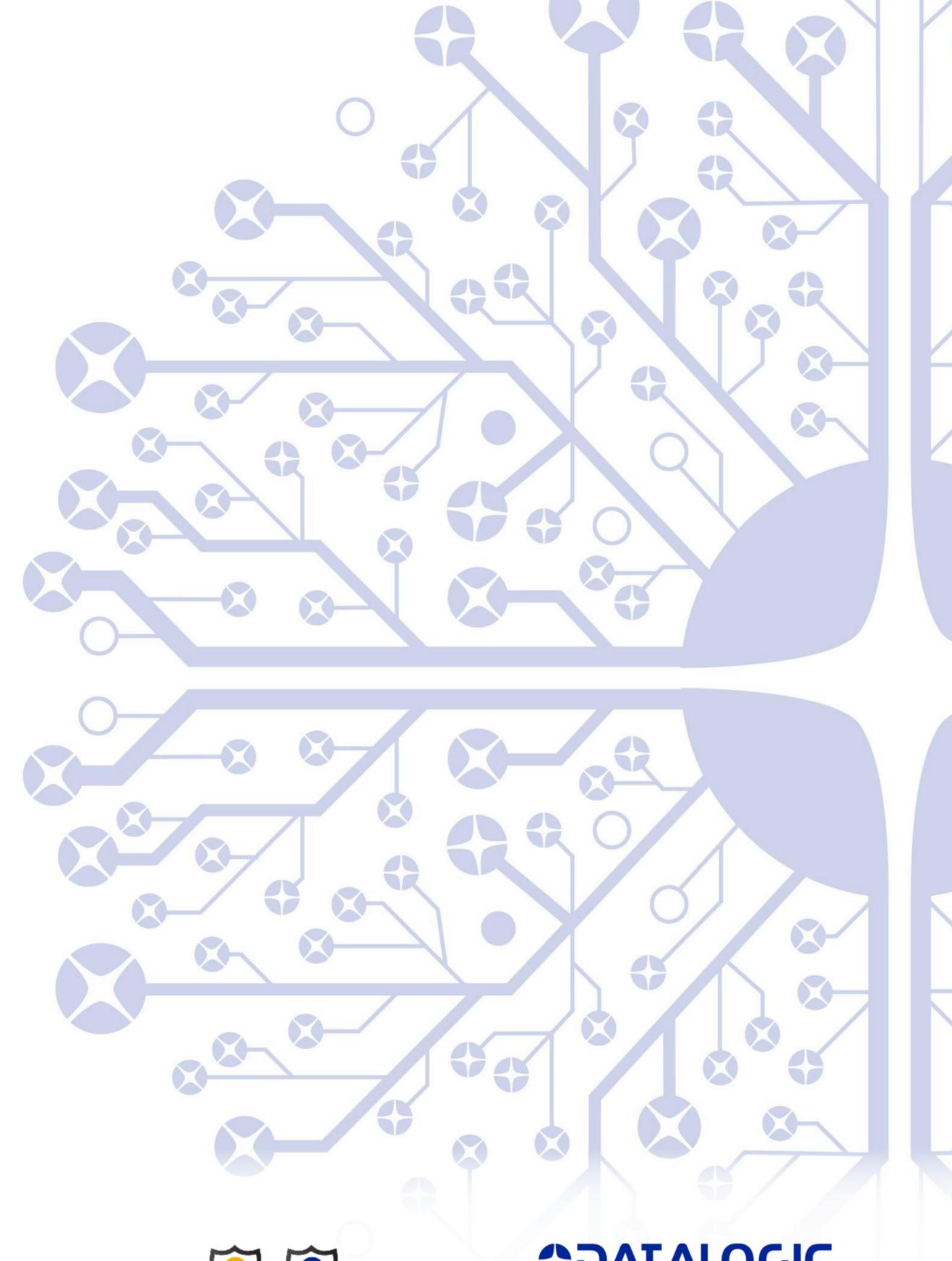
Product Configuration Information

- Standard 1D/2D Decoding or 1D/2D with Digimarc Barcode

- With or Without Table/Wall Mount or Tilting Riser Stand

- With or without Magellan Customer Service Scanner (CSS)

- Global Power Supply Options

- Multiple retail POS interfaces standard in every unit:

  - USB Keyboard
  - USB COM
  - OEM USB
  - RS-232
  - RS-232 Diebold-Nixdorf Beetle

DIGIMARC | **READY**

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EASEOFCARE Support Programs

SERVICE LEVEL

EASEOFCARE OVERNIGHT COMPREHENSIVE
Normal Wear, Tear and Accidental Damage
3 to 5 Year Programs
Advance Replacement

EASEOFCARE 2-DAY COMPREHENSIVE
Normal Wear, Tear and Accidental Damage
3 to 5 Year Programs
2-Business Day Turnaround with Express Shipment

EASEOFCARE 5-DAY
Normal Wear and Tear
3 to 5 Year Programs
5-Business Day Turnaround

Factory Warranty
Factory Defects
1 to 5 Year Coverage
10-Business Day Turnaround

DURATION

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