

PM64™ Electronics

The Cost-Effective, Broad Deployment Pressure Mapping Solution



PM64 is a basic pressure mapping scanning electronics module that supports a large deployment of machine setup systems, or production applications, for high-volume users, and original equipment manufacturers (OEMs).

With PM64, the end user can include Tekscan pressure mapping data in a live feedback loop for inline Quality Assurance/Quality Control testing.

When utilized with Tekscan's software Application Programming Interfaces (APIs), PM64 provides a cost-effective solution for the implementation of multiple systems, including as an embedded feature within a machine's user interface (U.I.).

KEY FEATURES & BENEFITS

- 8x8 (64-point) sensing array
- Small, compact housing for electronics
- Quick, reliable sensor connection
- Compatible with I-Scan and the Software Development Kit (SDK)
- Sensor customization available

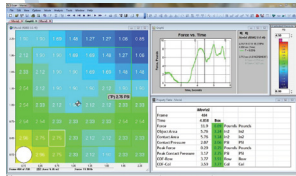
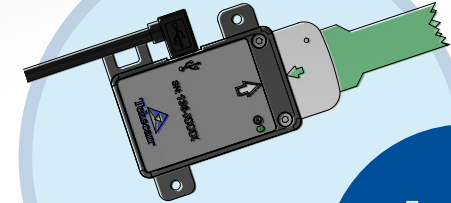
INDUSTRIES & APPLICATIONS

- Machine Setup
 - Tool and Die
 - Nip Rolls
 - Printing/Packaging
 - Product Assembly
 - Robotics
 - Semiconductor Handling/Processing

THE PM64 APPROACH

1

Begin with the PM64 Starter Kit



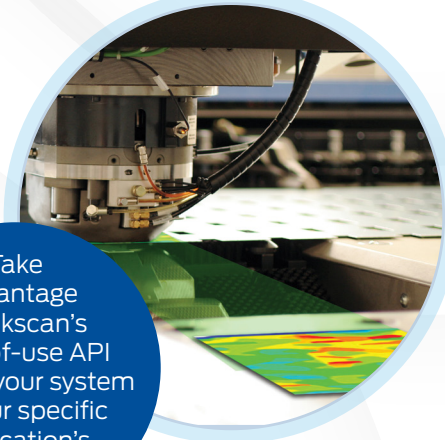
Familiarize yourself with pressure mapping technology, and its capabilities

PM64 Starter Kit Includes:

- PM64 scanning electronics
- Sensors
- Tekscan's R&D software (I-Scan™)
- Software Development Kit (SDK)

2

Using the SDK,
Develop Your Custom Software
for Function in a .NET Framework



Take advantage of Tekscan's ease-of-use API to tailor your system for your specific application's needs

3

Deploy Your Custom Pressure Mapping Application Across Multiple Locations



This enacts an incremental pricing model, providing an economy-of-scale for extensive implementation

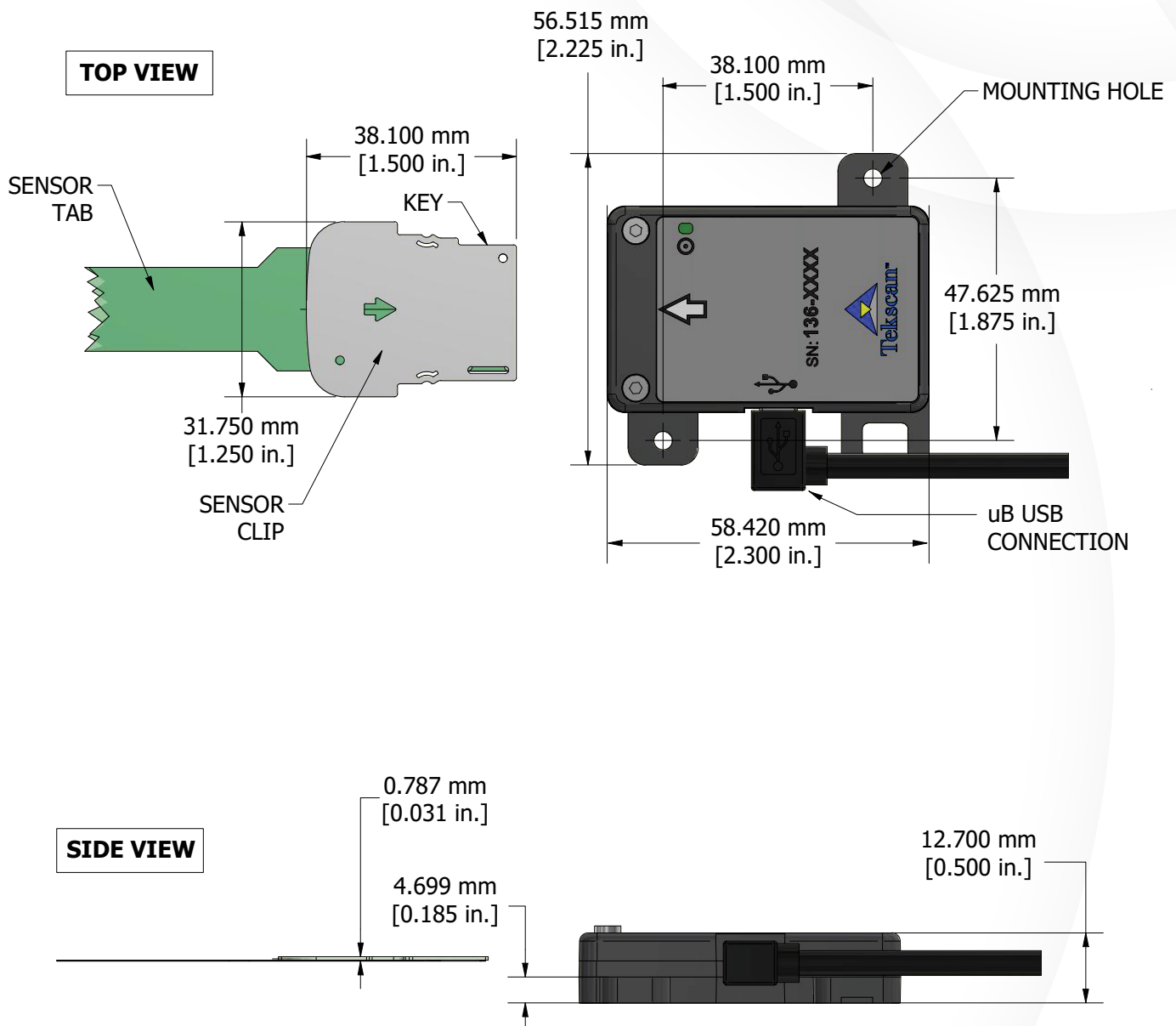
EASE-OF-USE APPLICATION PROGRAMMING INTERFACE (API)

With the SDK, PM64 allows high-volume users to implement pressure mapping technology across several locations, and OEMs to more easily integrate pressure mapping capabilities into their machine user interface. With this freedom, a customized .NET framework can be created to:

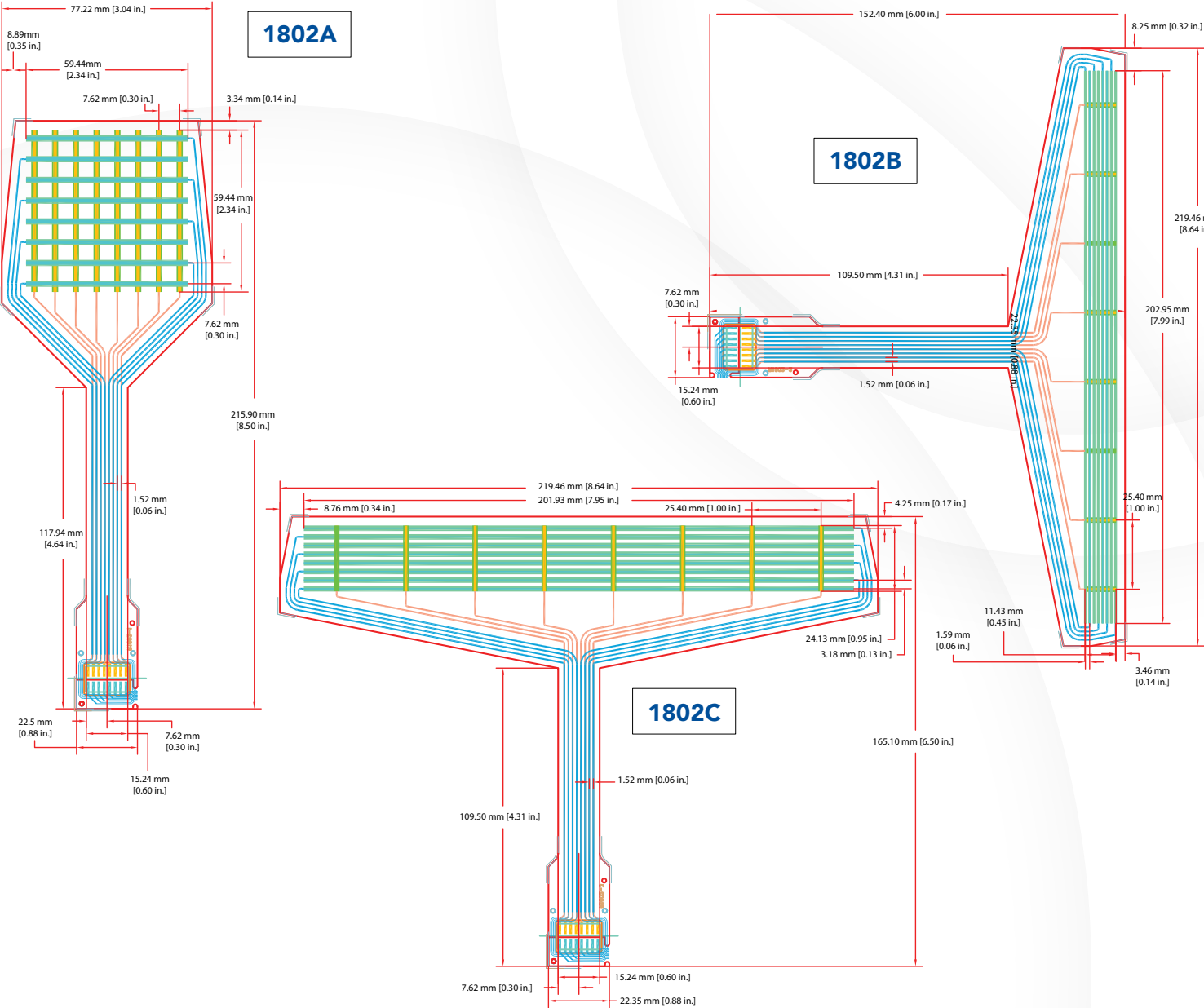
- **Get Data:** Communicate with Tekscan data acquisition electronics
- **Record Data:** Control acquisition parameters for saving data
- **Read Data:** Access and read data from previously saved files

Once the application is set up, the interface can be customized to the application. This allows developers to configure pass/fail logic in a simple user interface for operators of the machine.

HARDWARE SPECIFICATIONS



PM64 STARTER KIT SENSOR SPECIFICATIONS



# of Sensing Elements	64
Standard Pressure Range	300 psi
Scanning Rate (Hz)	100