

## UID Laser Marking – The Most Efficient Means of UID

Many leading industry groups including ISO9000 and other international manufacturing standards have mandated permanent part identification and Direct Part Marking (DPM) for enhancing the traceability of their items. UID Laser marking helps facilitate compliance with these standards. As per the mandate of Department of Defense, the product identification must be permanently marked directly on the part surface. Among all the methods used for marking identification number onto products, UID Laser marking is considered to be most efficient and error-free.

UID marking is essential on all the items delivered to the DoD with a unit acquisition value of ,00000 or above, including all embedded sub-assemblies, mission essential components or parts that are serially managed by the DoD. Moreover, the format of the mark must conform to the requirement of Defense Federal Acquisition Regulation Supplement (DFARS).

### Benefits of UID Laser Marking

UID Laser marking is one of the most permanent, reliable, high contrast, and versatile marking technology available for UID applications. The growing popularity of UID laser marking applications can be attributed to the following advantages. To begin with, UID Laser marking is an eco-friendly option to silk screening, chemical etching, pad printing, mechanical engraving, stamping and various other costly, lower quality processes. Besides, UID Laser marking has higher resolution than other methods, which makes it easy for embedding more data in the UID marks. Moreover, Laser marking and Laser engraving are a unique method to identify and decorate your product items. Hence, from medical, ad specialties, automotive, to the latest in UID code identification, serialization, and verification, UID laser marking is ideal for a wide range of marking purposes.

### Benefits of UID Laser Marking to The DoD

The UID Laser Marking 2D Matrix symbol on parts or sub-assemblies helps the DoD in improving the inventory accuracy, accurately sourcing items on property, decreasing inventory management costs, improving access to part history during design or lifespan of items, and reducing workforce burden through augmented efficiency and productivity.

ID-integration.com provides several complete solutions to UID Laser Marking related needs. Becoming UID compliant is actually quite easy – once you give ID Integration a call.

### About the Author

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