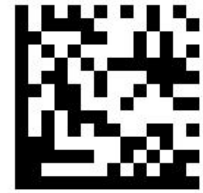


# CANCARD DM411

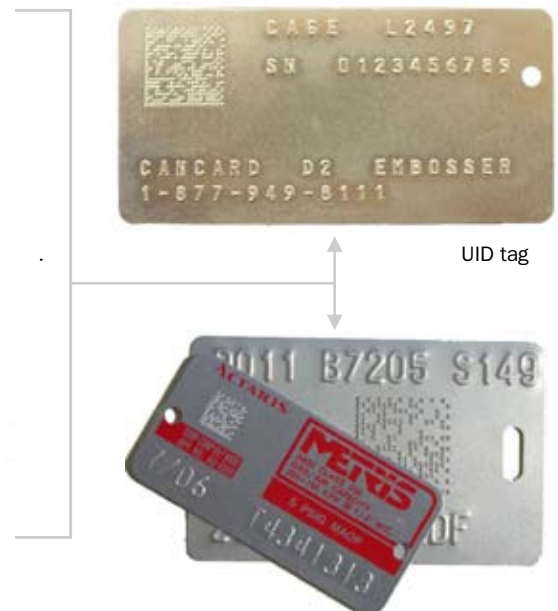


## 2D DATA MATRIX METAL TAG OPTION

### HIGH SPEED METAL EMBOSSING FOR THE HARSHTEST ENVIRONMENTS

Cancard has designed a unique solution to a durable, reliable "machine readable" Data Matrix™ code for severe environments. Our customer's needed a quick and economical method using proven technology. The mark not only had to survive harsh environments but be readable after other processes such as heat treating, painting and sandblasting. Speed and reliability were essential and important considerations for any of our assembly line customers.

With Cancard's 20+ years experience in providing embossers for the automotive, steel fabricator and aerospace industries, we knew we had a durable proven method of producing a permanent mark without going to the expense of incorporating a laser. The Data Matrix™ code had become the industrial standard for a durable 2D code. Our solution was to combine the Data Matrix™ code with the embosser to produce a robust barcode tag that could survive the harsh environments of our clientele.



**AUTOMATIC UNIVERSAL FEED EMBOSSEER • UNIVERSAL CLAMP • "HEAVY DUTY" EMBOSSING  
LARGE VARIETY OF EMBOSSING WHEELS AND FONT SIZES • SIDE-EJECT OR FIFO OUTPUT STACKER  
GEAR DRIVEN EMBOSSING WHEEL • ON OR OFF LINE**



# CANCARD DM411

## 2D DATA MATRIX METAL TAG OPTION

### OUR SOLUTION IS COMPRISED OF:

#### CANCARD DM411 Automatic Tag Embosser

This machine is capable of producing 2 dimensional Data Matrix codes with human readable characters at a speed of up to 110 tags per hour. The DM411 can produce Data Matrix™ codes that can hold up to 64 characters in any one of three different dot sizes.

#### 2Databoss™ Software

This Windows based software automatically converts your selected data fields into Data Matrix™ (including UID) formats. It allows your operator easy connectivity to databases and complete control of the job to the embosser.

#### Data Matrix ECC200 Square Formats

Symbol Size	Encoded			
	Row x Column	Numbers	Characters	Bytes
10 x 10		6	3	1
12 x 12		10	6	3
14 x 14		16	10	6
16 x 16		24	16	10
18 x 18		36	25	16
20 x 20		44	31	20
22 x 22		60	43	28
24 x 24		72	52	34
26 x 26		88	64	42

#### TARGET MARKETS

AUTOMOTIVE  
MILITARY  
AEROSPACE  
STEEL MILLS  
SHIPYARDS  
MOTOR & PUMP  
MANUFACTURERS

#### APPLICATIONS

AUTOMOTIVE BODY AND V.I.N. PLATES  
INVENTORY TRACKING TAGS  
INVENTORY IDENTIFICATION  
PRODUCT LABELLING  
WORK-IN-PROCESS TAGS  
HOSE TAGS

### TECHNICAL FEATURES

<b>PRODUCTIVITY:</b>	
Embossing Speed	240 plates per hour (40 characters per plate)
<b>PLATE HANDLING:</b>	
Automatic Input Hopper Capacity	250 plates with 0.02" thickness
Loading Device	Automatic variable hopper
Unloading Device	Automatic variable FIFO elevator or side eject
<b>EMBOSSING SPECIFICATION:</b>	
Plate thickness	Max. 0.035"
Minimum plate dimension (WxD)	1.2" x 0.8"
Maximum plate dimension (WxD)	4.7" x 3.5"
Maximum Embossing Area	4.70" x 3.38"
Minimum Embossing Area	1.20" x 0.63"
Available Embossing Drum	50/60/100 character or 93 char. + 3 slots for logos
Maximum Logo Size	0.26" x 0.26"
Standard Type Set	Simplex 3 (489)-0.16" embossing
	Special sets/type/logo upon request
<b>COMMUNICATION:</b>	
Interface	Serial RS232
Protocols	Xon-Xoff
	multi-embosser
	Pound-pound
User and Diagnostic Software	Maticard
<b>OTHER OPTIONS:</b>	
	Standard PC keyboard
	Special barcode type
	Emergency "Panic Button"
	Current loop interface
	Parallel centronics interface
<b>DIMENSIONS AND WEIGHT:</b>	
Dimensions (WxDxH)	31.50" x 19.70" x 14.60"
Weight	154lbs
<b>POWER REQUIREMENTS:</b>	
Electrical Requirements	110v, 220v, 50/60Hz