



# Printed and Electronic VeriCode Features



**Electronic media**

**Printed media**

	Electronic media	Printed media
Byte Capability Highest data density per unit of area	Media Dependent	4,151
High security Due to patent laws and proprietary code is not in public domain	High	High
Optimized Reed-Solomon Correction	Yes <i>Utilizing 3X3 R-S block</i>	Yes <i>Utilizing 3X3 R-S block</i>
Largest Matrix Size	48 X 48 cells linked	192 X 192 cells
EDAC levels Error correction and detection is up to 99% with built in redundancy	Low	Variable
Omni Directional read capability	Not required by electronic media	Yes
Exportable to user data bases <i>But not dependent on database</i>	Yes	Yes
Bio-metric Capabilities	Yes	Yes
Proprietary protected – Code is not in public domain	Yes	Yes
Surface marking capability	Data is loaded onto the medium or chip set Can be printed from media	Used on printed surfaces soft cards and hard cards
Code will not provide a “read” with inaccurate information- “ <i>No Data Decoded</i> ”	Yes	Yes
Effective quiet zones allowing for efficient read times. Dependent on cell sizes	Used when symbol is printed from chip set	Utilizing 1 to 4 cells With 2 cell most efficient
Built in read efficiency with use of solid border around all four sides of the code	Used when symbol is printed from chip set	Yes

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