Compression Methods, Codes, & Uses

COMPRESSION METHOD	BINARY	ASCII	NOTES*
Binary Fingerprints & Signatures Uncompressed	0	---	**Image Packed 8 pixels/byte** Record Types 5, 6, & 8
Binary Fingerprints & Signatures Compressed	1	---	**ANSI/EIA-538-1988 facsimile standard for lossless compression/decompression** Record Types 5, 6, & 8
Grayscale & Color Images Compressed	---	JPEGL	**Lossless JPEG compression** Record Types 10, 13, 14, 15, 16, & 17**
Grayscale & Color Images Uncompressed	0	NONE	Record Type 3 & 4 Record Types 10, 13, 14, 15, 16, & 17
Grayscale Finger/palm prints Compressed	1	WSQ20	**Lossy WSQ compression*** Record Types 4 Record Types 14, 15 (500 ppi)
Grayscale & Color Images Compressed	2	JPEGB	**Lossy Baseline JPEG compression** Record Types 4 (500 ppi) Record Types 14 & 15 (500 ppi) Record Types 10, 16, & 17
Grayscale & Color Images Compressed	---	JP2	**Lossy JPEG 2000** Record Types 10, 14, 15, 16, & 17
Grayscale & Color Images Compressed	---	JP2L	**Lossless JPEG 2000** Record Types 10, 14, 15, 16, & 17

* This list of Compression algorithms is not exhaustive.
** Type-17 Iris record to be defined
*** Finger/palm print images scanned at 500 ppi should be compressed using WSQ. Those scanned at 1000ppi should be compressed using JPEG2000. The original 1000 ppi image may be transcoded to a 500 ppi WSQ image using JPEG2000.