

Iris Logical Record

ANSI/NIST Fingerprint Standard Update Workshop II

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Proposal

- Add Type-17 iris Record
 - Can exchange data contained in M1 standard (INCITS 379-2004) Iris Image Interchange Format
 - Rectilinear and Polar
 - Can exchange image data using only Type-16 like format with addition of
 - Identify which eye
 - Make/Model/Serial Number

Ident	Cond Code	Field Number	Field Name	Char Type	Field size per occurrence		Occur count		Max byte count
					min	max	min	max	
LEN	M	17.001	LOGICAL RECORD LENGTH	N	4	8	1	1	15
IDC	M	17.002	IMAGE DESIGNATION CHARACTER	N	2	5	1	1	12
	M	17.003	FEATURE IDENTIFIER	N	2	2	1	1	9
	M	17.004	MAKE/MODEL/SERIAL NUMBER	ANS	4	151	1	1	158
	M	17.005	IMAGE FORMAT	N	2	3	1	1	10
HLL	M	17.006	HORIZONTAL LINE LENGTH	N	4	5	1	1	12
VLL	M	17.007	VERTICAL LINE LENGTH	N	4	5	1	1	12
SLC	M	17.008	SCALE UNITS	N	2	2	1	1	9
HPS	M	17.009	HORIZONTAL PIXEL SCALE	N	2	5	1	1	12
VPS	M	17.010	VERTICAL PIXEL SCALE	N	2	5	1	1	12
CGA	M	17.011	COMPRESSION ALGORITHM	AN	5	7	1	1	14
BPX	M	17.012	BITS PER PIXEL	N	2	3	1	1	10
	O	17.013	IRIS IMAGE QUALITY	N	3	4	0	1	11
	O	17.014	ROTATION ANGLE OF EYE	AN	2	5	0	1	12
	O	17.015	ROTATION UNCERTAINTY	AN	2	5	0	1	15
	O	17.016	IMAGE PROPERTIES	N	7	7	0	1	14
	O	17.017	DEVICE UNIQUE IDENTIFIER	ANS	17	17	0	1	24
	O	17.018	GLOBAL UNIQUE IDENTIFIER	AN	7	7	0	1	14
	O	17.019	IMAGE TRANSFORMATION	N	2	2	0	1	9
RSV	O	17.020 - 17.199	RESERVED FOR FUTURE INCLUSION	--	--	--	--	--	--
UDF	O	17.200 - 17.998	USER-DEFINED FIELDS	--	--	--	--	--	--
	M	17.999	IRIS IMAGE	B	2	--	1	1	--