

DAVA Plug-in on 15000 Series

AXICON



The DAVA (Drug Authentication and Verification Application) plugin on the 15000 series verifier checks the following requirements are met:

- Symbol is encoded as either GS1 DataMatrix or GS1-128 (to get an explicit error for other types, the plugin can be set to "Always Show").
- Required AIs containing the GTIN (01), serial (21), expiration date (17) and batch/lot number (10) are present and pass standard GS1 validation (the order of the element strings is not checked).
- If the code is a GS1-128 then it must:
 - have an X-dimension between 0.249 mm and 0.660 mm
 - have the packaging level indicator (first digit of the GTIN) set to 1, 2 or 3 (secondary level)
 - have a print quality grade of at least 1.5/06/660 (using ISO 15416:2016)
- If the code is a GS1 DataMatrix then it must:
 - have an X-dimension between 0.375 mm and 0.990 mm
 - have the packaging level indicator (first digit of the GTIN) set to 0, 1, 2 or 3 (primary or secondary level)
 - be verified using aperture reference 08 (200 µm)
 - have a print quality grade of at least 1.5/08/660 (using ISO 15415:2011)

Application Validation Report

015036586297603621123456789123456FNC11719013110ABCD18001-A

GS1 DataMatrix

Software Version:	0.9.4559	Serial Number:	15261
Scan Time:	11:56:28 21/04/2018 (+0530)	Factory Configuration:	06/10/2017
Decode Time:	11:56:28 21/04/2018 (+0530)	User Calibration:	21/04/2018

DAVA Healthcare (Pass): (01)50365862976036(21)123456789123456(17)190131(10)ABCD18001-A

Element	Value	Description	Status	Information
Indicator Digit	0	Primary packaging level	Pass	
(01)	50365862976036	Global Trade Item Number (GTIN) [n2+vt4]	Pass	
(21)	123456789123456	Serial Number [n2+an..20]	Pass	
(17)	190131	Expiration Date (YYMMDD) [n2+rd6]	Pass	
(10)	ABCD18001-A	Batch or Lot Number [n2+an..20]	Pass	
Grade	4.0 (A)	Grade must be at least 1.5 (C)	Pass	
Aperture	200 µm (08)	Required aperture: 200 µm (08)	Pass	
X dimension	881 µm	Allowed X dimension range: 375 µm to 990 µm	Pass	The allowance for X dimensions between 375 µm and 396 µm is only applicable to on demand print processes. For all other printing processes, an X-dimension of 396 µm is the minimum allowable size.
Y dimension	880 µm	Allowed Y dimension range: 375 µm to 990 µm	Pass	The allowance for X dimensions between 375 µm and 396 µm is only applicable to on demand print processes. For all other printing processes, an X-dimension of 396 µm is the minimum allowable size.

GS1 Data Content (Warn): (01)50365862976036(21)123456789123456(17)190131(10)ABCD18001-A

Element	Value	Description	Status	Information
(01)	50365862976036	Global Trade Item Number (GTIN) [n2+vt4]	Pass	
(21)	123456789123456	Serial Number [n2+an..20]	Warn	Should follow AI: 17
(17)	190131	Expiration Date (YYMMDD) [n2+rd6]	Warn	Should precede AI: 21
(10)	ABCD18001-A	Batch or Lot Number [n2+an..20]	Pass	

Axicon Camera & Verifier 0.9.4559
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DAVA application validation report from the 15000 series, available. This is apart from the detailed VERIFICATION REPORT as per ISO 15415 and GS1 General Specifications