Anyline Web SDK Datasheet v51

Anyline Web SDK is based on JavaScript and designed to be integrated into websites or web apps. This flexibility enables end users to experience all the benefits of data capture without needing to install a dedicated app on their mobile device. Anyline Web SDK is built to handle all data processing on the user's device, making data capture possible without an internet connection.

Disclaimer

Anyline products are built to deliver fast and reliable data capture solutions. There are however, certain factors that can limit or negatively impact data capture speed and accuracy. These are factors for which we are not responsible and cannot assume any warranty or liability. These include, for example:

- Non-compliance with technical requirements for the specific product and/or module, as set forth in this Datasheet or otherwise agreed

- An unsuitable scanning environment, such as scanning an object under extreme lighting conditions or from a far distance

- Any obstructions on the object that you wish to scan, such as obscured text or a very shiny surface

- The quality of an image you try to scan, for example images that are blurry, out of focus or low resolution images

- Incorrect handling by users, such as using the products with a lack of sufficient experience or unsteady hands

Furthermore, each module is conceived for certain applications and has a specific set of features and capabilities. Please read the module sections carefully to understand for which use cases you can deploy modules and what the module can and cannot do. Any use of our products beyond such scope is something we do not warrant or assume any liability for.

Requirements

	Web SDK
Programming Language	JavaScript
Recommended Browsers	Latest version of Chrome, Safari, Firefox
Camera Resolution	Minimum: 720p video camera Recommended: 1080p video camera
SDK Size*	50 MB

***Actual numbers may vary depending on the platform, operating system and or recognition task**

-

Modules Overview

Anyline Web SDK contains a number of modules designed for capturing data from a range of different objects.

	Web SDK
Tire DOT/TIN	✅
Tire Size	✅
Tire Commercial ID	✅
Licence Plate (Europe and US)	✅
VIN	✅
Meter	✅
Meter Serial Number	✅
Barcode	✅
ID (Germany and Austria)	✅
MRZ	✅
Container	✅
Custom Serial Number	✅

Tire DOT/TIN

Capabilities	Specifications

• Tire Identification Numbers with and without DOT prefix	• Universal TIN mode:
	  ◦ Scans with or without DOT prefix
	  ◦ Allowed characters: A-Z, 0-9
	  ◦ Length: between 6 and 17 characters
	  ◦ The last 4 characters must be digits and have to represent a valid production date (WWYY)
	• DOT mode:
	  ◦ Scans only with DOT prefix
	  ◦ Only tires produced after the year 2000 are scannable
	  ◦ Allowed characters: A-Z (excluding letters O, G, I, Q, S, Z), 0-9
	  ◦ Length: between 6 and 17 characters including DOT
	  ◦ The last 4 characters must be digits and have to represent a valid production date (WWYY)

Tire Size

Capabilities	Specifications

• Tire specifications including: tire width, tire aspect ratio in millimetres, rim diameter in inches, load index (single or double), extra load rated tire, speed rating, fabric carcass construction, commercial tire designation, mud and snow winter tire, vehicle type recognition	• Allowed characters: A-Z (excluding letters O and I), 0-9, /+-&()
	• Length: Up to 20 characters (single line only)
	• Supported formats () = optional:
	  ◦ `(X)000/00(X)X0000(0)X`
	  ◦ `(X)000/00(X)X00(X`
	  ◦ `(X)000/00X00X(0)00/(0)00X`

Tire Commercial ID

	Specifications
• Manufacturer’s ID code from Michelin, Continental, Goodyear, Pirelli/Prometeon, Bridgestone, CEAT, Salva (and more) tires on trucks, buses or trailers.	• Allowed characters: A-Z (excluding letter O), 0-9 • Length: 7 - 14 characters (single line only) • Regular expression: `[0-9A-NP-Z]{3}[0-9]{4,10}[0-9A-NP-Z]{0,1}`

License Plate

Capabilities	Specifications
• All EU countries + Albania, Andorra, Armenia, Azerbaijan, Belarus, Bosnia-Herzegovina, Faroe Islands, Georgia, Gibraltar, Iceland, Kosovo, Liechtenstein, Macedonia, Moldova, Monaco, Montenegro, North Macedonia, Norway, Russia, Serbia, Switzerland, Turkey, Ukraine and United Kingdom • All US states + American Samoa, District of Columbia, Guam and Puerto Rico	• Allowed characters: A-Z (excluding letter O), 0-9 • Length: 7 - 14 characters • Limited support for two-line license plates for the following countries: Belarus, Belgium, Bulgaria, Croatia, Denmark, Estonia, Finland, Hungary, Latvia, North Macedonia and Romania • No support for multi-line US plates • Limited support for small two-line plates on light motorised vehicles such as mopeds • State detection is not reliable for US vanity plates

Vehicle ID Number (VIN)

Capabilities	Specifications
• Vehicle Identification Numbers 17 characters in length according to ISO 3779	

Meter

Capabilities	Specifications
• Analog Meters: Gas, Electric, Water • Digital Meters: Gas, Electric, Water, dot matrix display • Selected Meter Types: A49U, C114U, C14U11, G1X4, W6060, MM2600F3, CM160J, CL204,	• Analog Meters: 4-10 pre-decimal digits, up to 3 decimal digits (Gas, Electric, Water), black red, metallic and white backgrounds

ML262XF6, ML242XF6, C114U, G1Y6U, 7AA3061, 7CA5461, 7AA5041, 7CA5061-7 • Selected Meter Brands: AEG, Danubia DZG, Landis + Gyr, Reimer & Seidl, Schlumberger AEG, Schlumberger Danubia, Siemens, Uher	• Digital Meters: 7-segment display with at least 3 digits, 4-6 pre-decimal digits, up to 3 decimal digits (Heat)

Meter Serial Number

Capabilities	Specifications
• Serial numbers for a wide range of meter types and brands	• Uppercase alphanumeric codes

Barcode

Capabilities	Specifications
• 1D Barcodes: Bookland EAN, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, Databar, Databar Expanded, Discrete 2 of 5, EAN-8/JAN 8, EAN-13/JAN 13, EAN-14, EAN 18, EAN-99, GS1-128, GS1 Databar, Identcode, Inverse 1D, ISBN-10, ISBN-13, ISBT 128, ISMN, ISNN, ISSN EAN, Interleaved 2 of 5 (ITF), ITF-14, Leitcode, Matrix 2 of 5, MSI, RSS 14, RSS Expanded, Trioptic Code 39, UCC Coupon Code, UPC-A, UPC-E • 2D Barcodes: Aztec, Aztec Inverse, Aztec vCard, Data Matrix, Data Matrix Inverse, DotCode, GS1 QR Code, Maxicode, Micro QR Code, QR Code, QR Inverse • Stacked Linear Codes: PDF 417, Micro PDF417	

ID

Capabilities	Specifications
• ID Card: Germany • Driver’s License: Austria, Germany	• ID scanning supports Latin script

MRZ

Capabilities	Specifications
• ID documents containing a Machine Readable Zone (MRZ)	• TD3 booklet size passport (2 lines of 44 characters each) • TD2 ID (2 lines of 36 characters each)

	• TD1 credit card size ID (3 lines of 30 characters each) • MRV-A Visa, MRV-B Visa according to ICAO Document 9303 standard • Swiss Drivers License (1 line of 9 characters and 2 lines of 30 characters each) • US Green Card (3 lines of 30 characters each)

Container

Capabilities	Specifications
• BIC-Codes (ISO 6346) and ILU-Codes (DIN EN 13044-1)	• ILU-Codes and BIC-Codes in one or two horizontal lines • BIC-Codes (ISO 6346) in one vertical line