

Anyline Cloud API Datasheet v2.0.0

Anyline Cloud API enables users to send images from any source to Anyline for processing. Anyline instantly returns the information captured back to the user. Anyline Cloud API runs on servers managed by Anyline, and is designed for any workflow where internet connection is available. Anyline Cloud API allows customers to choose how data is captured, whether that is via an app, a website, a chatbot, or a messaging service.

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.

Availability

Anyline commits to 99.5% uptime per month for data capture capabilities offered via API. For this purpose, the uptime shall be calculated as follows: $(\text{actual availability} + \text{excluded periods according to the next paragraph}) \times 100 / \text{maximum availability}$.

The "maximum availability" per month is 24 hours multiplied by the number of days in the respective calendar month. The actual availability is the time during which you have access to the data capture capabilities offered via API.

When determining the availability achieved, the following periods in which service provision by the Provider is not possible for the reasons listed below will be deducted:

- Maintenance work, provided that such maintenance work is announced to you through the [Anyline Support Status](#) website at least 24 hours in advance, up to a maximum maintenance time of 5 hours per month. To receive notifications, users must subscribe via the [page](#).
- Outages or failures of systems, system components or telecommunications infrastructure of ANYLINE or of third parties acting for ANYLINE in the event such outages or failures are the result of a force majeure event (such as fires, flood, earthquake, lightning strike, pandemics, etc) or events which are outside of the control of ANYLINE
- Malfunctions or failures that are caused, at least in part, by your use of the services in violation of your license agreement or otherwise improperly; this includes, in particular, use of the services outside the area of use specified in the description in the Datasheet, use by untrained personnel or unauthorised third parties, and failure to perform maintenance in accordance with Anyline's guidelines

Features and Requirements

	Cloud API
Architecture	REST
Recommended File Type	JPEG
Other Supported File Types	PNG, HEIC
Text Size	Recommended: 28px
Maximum Image Size	10MB
Image Quality	Must not be blurry. Scan target should be centered in the image and not rotated by more than 10 degrees.
Data Processing	On cloud-hosted servers managed by Anyline
Output	Result in JSON format

Modules Overview

Anyline Cloud API contains a number of modules designed for capturing data from a range of different objects.

	Cloud API
Tire Sidewall	✓
Meter	✓
Meter + Meter Serial Number + Barcode	✓
ID	✓
MRZ	✓

Tire Sidewall

Capabilities	Specifications
<ul style="list-style-type: none">Passenger Tires<ul style="list-style-type: none">Tire Size specifications including: tire width, tire aspect ratio in millimetres, construction, and rim diameter in inchesTire Make (manufacturer)Tire Model	<ul style="list-style-type: none">Tire Size:<ul style="list-style-type: none">Supported characters: A-Z (excluding letters O and I), 0-9, /+&()Length: Up to 10 characters (single line only)Supported formats () = optional:<ul style="list-style-type: none">000/00(X)X00Tire Make / Model:<ul style="list-style-type: none">Supported characters: a-z, A-Z, 0-9, /+&()Result is always shown as uppercase characters and numbersModel group is returned in result if exact model variant/number cannot be detected

Meter

Capabilities	Specifications
<ul style="list-style-type: none">Analog Meters: Gas, Electric, WaterDigital Meters: Gas, Electric, Water, dot matrix display	<ul style="list-style-type: none">Analog Meters: 4-10 pre-decimal digits, up to 3 decimal digits (Gas, Electric, Water), black

<ul style="list-style-type: none"> Dial Meters: Gas, Water Selected Meter Types: A49U, C114U, C14U11, G1X4, W6060, MM2600F3, CM160J, CL204, 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 	<ul style="list-style-type: none"> red, metallic and white backgrounds Digital Meters: 7-segment display with at least 3 digits, 4-6 pre-decimal digits, up to 3 decimal digits (Heat) Dial Meters: 3-5 main dials and up to 1 (red) decimal dial (labeled with numbers), black or red dials on white background
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Meter Serial Number

<u>Capabilities</u>	<u>Specifications</u>
<ul style="list-style-type: none"> Serial numbers for a wide range of meter types and brands 	<ul style="list-style-type: none"> Uppercase alphanumeric codes

ID

<u>Capabilities</u>	<u>Specifications</u>
<ul style="list-style-type: none"> ID Card: Austria, Belgium, Croatia, Czech Republic, Estonia, Finland, France, Germany, Hungary, Italy, Latvia, Lithuania, Luxembourg, Moldova, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, US (ex. Louisiana and Tennessee), Mexico, Egypt, Bahrain, Kuwait, Jordan, Oman, Qatar, Saudi Arabia, UAE, Hong Kong Driver's License: Austria, Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, US, Canada (Alberta, BC, Manitoba, Nova Scotia, Ontario, Saskatchewan, Quebec), Botswana, Egypt, Malawi, Mozambique, South Africa, Zambia, Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, UAE (Dubai), Australia (ex. Tasmania), New Zealand Residence Permit: Oman, Qatar, Saudi Arabia, UAE EHIC: Austria, France, Germany, Italy, Spain, UK RFID on biometric passports as described by ICAO 9303 Japanese Landing Permission 	<ul style="list-style-type: none"> ID scanning supports Latin, Cyrillic and Arabic scripts ID Cards fields: additional information (1, 2) address, audit, authority, conditions, date of birth, date of expiry, date of issue, document discriminator, document number, duplicate, duration, endorsements, eyes, first issued, first name, full name, hair, height, last name, license class, license type, office, parish, personal number, place and date of birth, place of birth, previous type, restrictions, sex, weight Driver's License fields: additional information (1, 2), address, age, authority, card access number, city number, date of birth, date of expiry, date of issue, date of registration, degree of disability, division number, document discriminator, document number, duplicate, educational institution, endorsements, eyes, first issued, first name, folio, full name, hair, head of family, height, last name, license class, license type, maiden name, military rank, municipality number, nationality, parents first name, personal number, place and date of birth, place of birth, previous type, province, restrictions, sex, social security number, state number, voter ID, weight EHIC fields: authority, date of birth, date of expiry, document number, first name, last name, nationality, personal number, social security number

- RFID only on Android, iOS and Xamarin

MRZ

<u>Capabilities</u>	<u>Specifications</u>
<ul style="list-style-type: none">• ID documents containing a Machine Readable Zone (MRZ)	<ul style="list-style-type: none">• 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)