

Xenon 1902 - Configuration Selection Guide

SKU	Focal Options ¹		Housing ²		Charge & Communication			Special Options		
	HD	SR	Black	White Disinfectant -ready	USB Interface	Charge & Comm.Base ³	Access Point ⁴	Color Imaging ⁵	FIPS Certification	EasyDL ⁶
1902GHD-2USB-5	✓		✓		✓	✓				
1902GSR-2		✓	✓							
1902GSR-2EZ		✓	✓							✓
1902GSR-2USB-5		✓	✓		✓	✓				
1902GSR-2USB-5EZ		✓	✓		✓	✓				✓
1902HHD-0USB-5F	✓			✓	✓	✓			✓	
1902HHD-5USB-5COL	✓			✓	✓	✓		✓		
1902HHD-5USBA-7NCOL	✓			✓	✓	Charge Base only	✓	✓		
1902HHD-5USB-8NCOL	✓			✓	✓		✓	✓		

Base features for Xenon 1902 scanner configurations include:

- **Multiple Focal Options/Operating Range** – High Density (HD), Standard Range (SR) – Adaptus Imaging Technology 6.0
- **Multiple Housing options** – Black and “White Disinfectant – Ready”
- **Special Options** – Color Imaging, FIPS Certification and EasyDL

Inclusion of these features (highlighted “grey” in the Selection table) to one or another Xenon configuration (SKU#) is determined by manufacturer and cannot be selected arbitrary.

Variable features:

- **Charge & Communication Options**, including RS232/USB/KBW/IBM Host Interfaces
- **Special Options** – Color Imaging, FIPS Certification, OCR⁷ and EasyDL

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- **DPM⁸ (Direct Part Marking) Plugin**
- **DM Protection⁹ Plugin**

These features are “selectable” and can be added to any configuration (SKU#) in the table, when choosing the required product, or purchased separately from [2DTG’s web site](#) (Accessories section).

¹ **Focal Option:**

Operating Range	High Density (HD)	Standard Range (SR)
Resolution* (Data Matrix)	5 mil (0.127 mm)	6.7 mil (0.170 mm)

* Real Resolution may be impacted by bar code quality and environmental conditions – for DPM samples it might be 30-50% worse.

² “**Black**” – stand for “general purpose” housings. “**White Disinfectant –ready**” stands for the housing designed to resisting the harmful effects of harsh cleaning agents used commonly in healthcare environments.

³ **CCB (Charge & Communication Base)** – P/N CCB01-010BT-07N.

⁴ **AP (Access Point)** – allows to connect up to 7 scanners – P/N AP-010BT-07N

⁵ **Color Imaging** – allows reading high contrast color barcodes that were previously unreadable, such as a red barcode on a white background.

⁶ **EasyDL** - Driver License Parsing Software

⁷ **OCR** – Optical Character Recognition software.

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⁸ **DPM** – Direct Part Marking (including Dot Peen Marking) Plugin/Decoder – designed by 2D technology Group specifically for reading Data Matrix marks printed on non-paper substrates, for example, etched directly on machinery parts and other goods. It's recommended that this option to be used with "HD" scanners. Resolution of the "HD" scanner is ~ 6-8 mils for DPM marks.

⁹ **Data Matrix Protection Plugin** – an extension of Windows based Data Matrix Protection Decoder ([DMPS_D](#)) to the embedded platform. It has a proprietary built-in mechanism allowing to "read" enabled for Authentication Data Matrix and to decrypt it, if it was encrypted/enabled for authentication by [DMPS_E](#) (in addition to the regular Data Matrix decoding).