

Xenon 1900 - Configuration Selection Guide

SKU	Focal Options ¹			Housing ²			Interface, Mounting hardware	Special Options		
	HD	SR	ER	Black	Ivory	White Disinfectant -ready		OCR ³	Color Imaging ⁴	EasyDL ⁵
1900GER-2			✓	✓						
1900GHD-1	✓				✓					
1900GHD-1USB	✓				✓		USB			
1900GHD-2	✓			✓						
1900GHD-2USB	✓			✓			USB			
1900GSR-1		✓			✓					
1900GSR-2		✓		✓						
1900GSR-2-2		✓		✓			Ratchet stand			
1900GSR-2-COL		✓		✓					✓	
1900GSR-2-EZ		✓		✓						✓
1900GSR-2-OCR		✓		✓				✓		
1900GSR-2KBW		✓		✓			KBW			
1900GSR-2USB		✓		✓			USB			
1900GSR-2USB-2		✓		✓			USB, Ratchet stand			
1900GSR-2USB-2EZ		✓		✓			USB, Ratchet stand			✓
1900GSR-2USB-EZ		✓		✓			USB			✓
1900HHD-0	✓					✓				
1900HHD-0-COL	✓					✓			✓	
1900HHD-0USB	✓					✓	USB			

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1900HHD-5	✓					✓ Enhanced				
1900HHD-5USB						✓ Enhanced	USB			
1900HSR-0		✓				✓				
1900HSR-0USB		✓				✓	USB			
1900HSR-5USB						✓ Enhanced	USB			

Base features for Xenon 1900 scanner configurations include:

- **Multiple Focal Options/Operating Range** – High Density (HD), Standard Range (SR) and Extended Range (ER) – Adaptus Imaging Technology 6.0
- **Multiple Housing options** – Black, Ivory, “White Disinfectant –Ready”, Enhanced Healthcare Scanner
- **Special Options** – OCR, Color Imaging and EasyDL - Driver License Parsing Software

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:

- **Multiple Interface options:** USB, Keyboard Wedge, RS232, IBM 46xx (RS485)
- **Mounting hardware**
- **DPM⁶ (Direct Part Marking) Plugin**
- **DM Protection⁷ Plugin**
- **Special Options** – OCR, Color Imaging and EasyDL

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).

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¹ **Focal Option:**

Operating Range	High Density (HD)	Standard Range (SR)	Extended Range (ER)
Resolution* (Data Matrix)	5 mil (0.127 mm)	6.7 mil (0.170 mm)	7.5 mil (0.191 mm)

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

² **“Black”** and **“Ivory”** – 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 **OCR** – Optical Character Recognition software.

⁴ **Color Imaging** – allows reading high contrast color barcodes that were previously unreadable, such as a red barcode on a white background.

⁵ **EasyDL** - Driver License Parsing Software

⁶ **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.

⁷ **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).