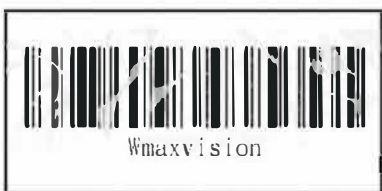


# Proton ICS-2299HD Proton IMS-2290HD

Сканер для  
экстремальных условий



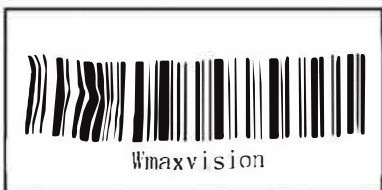
Подходит для любой ситуации  
Точность сканирования до 3 мил



Через пластиковую пленку



Пятна масла



Смятые этикетки



Царапины

Алгоритм DPM рассчитан на использование в ручных сканерах для быстрого и гибкого считывания.

HD



HP

Две линзы на выбор



## VS300(Optional wireless section VS302)

<b>Image Sensor</b>	Sensor	CMOS Sensor															
	Resolution	1280 x 1024															
	Frame Rate	60fps															
<b>Lens</b>	<b>Focal Distance</b>	<b>Fixed Focal Distance</b>															
	Field of View	Horizontal Angle : 44° Vertical Angle : 34°															
<b>Light Source</b>	Illumination	Red LED(optional blue and white)															
	Aimer	Laser Aiming															
	Indicator	Decoder Light															
<b>Symbology Decode</b>	1-D	Codabar, Code 39, Code 32 Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, China Post(Hong Kong 2 of 5), Korea Post.															
	2-D	Codeblock A, Codeblock F, PDF417, Micro PDF417, GS1 Composite Codes, QR Code, Data Matrix, MaxiCode, Aztec, HANXIN.															
<b>Mini accuracy</b>	≥ 3mil																
<b>Scanning Distance (mm)</b>		Code	Code 39			Code 128		QR			PDF417		DM		UPC-A	EAN-13	
	Resolution	0.980	1.225	3.185	3.185	4.900	3.675	4.900	7.350	1.642	1.838	1.838	3.675	3.185	1.225	3.185	
	HD	35-160	30-180	40-34	20-300	40-350	25-180	25-210	30-290	35-115	25-180	20-140	20-190	40-320	30-160	40-320	
	HP	80-230	70-300	40-650	30-550	50-750	40-310	40-400	45-550	70-200	30-350	50-190	40-300	40-650	70-280	40-650	
<b>Input&amp;Output</b>	Serial Communication	Communication Standard: Conform to RS232C Transmission Speed : 9600, 19200, 38400, 57600, 115200 bps															
	USB	Communication Standard: Conform to USB Standard Protocol															
<b>Rated Value</b>	Voltage	5VDC ± 5%															
	Current	Stand-by Current : 160 mA															
		Operation Current : 316mA															
Power Consume	1.58W																
<b>Environmental Resistance</b>	Temperature	Operation:temperature : 0 ~ +45°C															
		Storage Temperature : -10 ~ +50°C															
	Humidity	Relative Humidity : 5% ~85% (No condensation )															
		Storage Environment Humidity: 5% ~85% (No condensation )															
	Protection	IP67															
Ambient Light	Sunshine: 10000lux, Nncandescent : 6000lux, Fluorescent : 2000 lux																
Fall	Withstand multiple 12m drops to the concrete floor (deflection allowed 5° )																
<b>Machine</b>	Dimensions	191.8mm x 130.2mm x 76.9mm															
	Weight	356.5g															
	Shell material	PC															
Certification	CE FCC RoHS ISO9000 IOS9001																

