

# AW-V28WT 2D Wireless Scanner



## Performance

Sensor	640*480 COMS		
Symbologies	1D	Airline 2 of 5、Codabar、Code 128、Code 11、Code 32、Code 39、Code93、Composite、EAN-8、EAN-13、UPC-A、UPC-E、Full ASCII Code39、GS1 DataBar Omnidirectional、GS1 DataBar Expanded、GS1 DataBar Limited、Matrix 2 of 5、Hong Kong 2 of 5(China post)、Interleaved 2 of 5、Telepen、MSI、Pharma code、Straight 2 of 5 Industrial、Trioptic Code	
	2D	Aztec Code、AU Postal Code、Data Matrix Code、HANXIN、Codablock A、Codablock F、DOT_Code、ENG Postal Code、PDF417、MicroPDF417、JP Postal Code、KIX Postal Code、Maxicode、QR Code、Micro QR Code、PLANET Code、POSTNET Code、Royal Infomail Code、UPU Postal Code	
Resolution	≥5mil		
Depth of scan field	<b>Tested code</b>	<b>Min</b>	<b>Max</b>
	5mil code39 (size: 25mm*10mm)	30mm	90cm
	6mil PDF417 (size: 17mm*12mm)	30mm	120mm
	10 mil Data Matrix (size: 6mm*6mm)	25mm	110mm
	13 mil EAN-13 (size: 32mm*25mm)	30mm	250mm
	15 mil QR Code (8mm*8mm)	25mm	150mm
OS compatibility	Android, Windows XP, 7, 8, 10, Linux, MACOS		
Scan Mode	Manual Scan, Automatic induction scan		
Countries Keyboards	American, German, French, Spanish, Italian, Belgian (French), small language (international keyboard)		
Min resolution	Code 39 6.6mil		
Decode capacity	1D/2D Codes on printed paper and mobile screen		
Motion Tolerance	1.6m/s		
Print contrast	≥20%		
Secondary development	Not support		
Data output editing	Prefix&suffix		
Transmission range	Open space 25 meters		
Wireless technology	2.4GHZ		

Transmission distance	60m(empty ground)
Wireless Transmit Power	20dBm
Wireless Receiving Power	20dBm
Scan Angle	Roll $\pm 360^\circ$ , Pitch $\pm 72^\circ$ , Skew $\pm 82^\circ$

## Environmental

Drop	Withstand 5 drops from 1.5 meters
Sealing	IP54
Operating Temperature	-10 - 60°C
Storage Temperature	-20-70°C
Operating Humidity	5-95% Non-condensing
Storage Humidity	5-95% Non-condensing
Ambient Light	0-100000LUX
Indicator light	Red and blue two-color indicator: red light power prompt, blue light link prompt
Buzzer	Start prompt, decoding success prompt

## Physical

Trigger	Start, trigger Scan
Program Upgrade	Support for client updates
Net weight	200g
Gross Weight	400g
Dimension	68mm* 96.5mm*175mm
Packing	186.7mm*111.8mm*83.6mm
Cable length	180CM( $\pm 3$ CM)
Expected operating time	$\geq 13$ h
Estimated charging time	$\leq 4.5$ h
Number of scans	Scans nearly 16,000 times per charge (1000 scans per hour)
Interface	USB port (free drive), USB virtual serial port (installation driver), serial port (free drive)
Battery capacity	2000MAH
Storage Quantity	$\geq 15000$