



HS20 1D Scanner profile

2017.9



HS20 2D Scanner

HS20 appearance





CMOS Sensor

CROWN-TECH HS20 scanner use special scanning CMOS Sensor

It can be in low illuminance, high brightness and so on bad environment to get good photosensitive, decoding speed is better

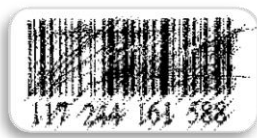
The resolution is 640*480, perfect balance of scan speed and precision



1D



2D



serious barcode



User's custom bar code

With HS20, you can easily handle the above barcode



Whether it's a bar code printed on paper or plastic, or a bar code displayed on the screen, for HS20, reading is not a word



HS20 shell is made of ABS+PC material, which is rugged and durable

The inside of scanner is concave and silicone liner to prevent the damage



The handle adopts ergonomic design, comfortable and easy to grasp

Scanner body has the IP54 protection level, dust and water resistant to the harsh environment

HS20 Main parameters		
Scanning mode	CMOS	
Resolution	640x480	
Interfaces	RJ22(RS-232) , USB	
Read code system	2D	PDF417, QR Code, DataMatrix...
	1D	CODE128、EAN8、EAN13、UPCE 、UPCA、CODE39、CODABAR、CODE93、ITF25...
Read the precision	$\geq 5\text{mil}$	
Light source	LED (630nm \pm 10nm)	
Light intensity	300 LUX (130mm)	
Sensitivity	rotation	360°@ 0°Pitch and 0° Skew
	deflection	$\pm 60^\circ$ @ 0°Roll and 0° Pitch
	tilt	$\pm 60^\circ$ @ 0°Roll and 0° Skew
Print contrast	$\geq 30\%$	

Mechanical/electrical characteristics	
Power consumption of the largest	1.5W
Working voltage	DC 5V
Current	Maximum working current : 300mA
	Working current : 139mA
Net weight	115g
Environment	
Working temperature	-20°C - +60°C
Storage temperature	-40°C - +70°C
Humidity	5% - 95% (No condensation)
Ambient light	0 ~ 100,000 LUX
Others	
Communication	RS-232 Data line , used to connect to the receiving host.
	USB cable , to connect to the information receiving host.



Shanghai CROWN-TECH CO,LTD is a high-tech enterprise which focuses on paying relevant technology. The core team of the company has been working in the field of payment and related fields for many years. Currently, it has applied successfully or has many related invention patents in the application, and has strong strength in the field of technical research and development.

In attaches great importance to the research and development at the same time, the company also insist on high standard strict with the quality of the products, the company launched HS10 and HS20 many independent research and development of automatic identification products with excellent performance and good quality won the customer's favor.

In the future, CROWN-TECH will continue to focus on technology research and development, to create more value for customers and make unremitting efforts.

THANKS!