

## ALFA BC-05



### Technical Parameters

Item No.	2D auto image barcode scanner BC-005 with stand
Light source	LED625 ± 10nm red light ( Aimer), 6500K LEDs (illumination)
Image sensor	640*480 CMOS
CPU	ARM32-bit
Interface	USB
Resolution	≥4mil/0.1mm@PCS90%, Code 39
Depth of field	10nm ~ 650nm
Print contrast	30%
Ambient illumination	0-100000 LUX
Depending distance	40°(H) * 30°(V)
	Roll : ± 360°, Pitch : ±60°or greater, Yaw : ±55°or greater
Prompting Mode	Buzzer, LED indicator light
Input voltage	DC 5V
Current	300mA±5% ( working current ) ; 80mA±5% ( stand-by current )
Barcode type	<b>1D:</b> UPC-A, UPC-E, EAN-8, EAN-13, Code128, GS1-128, Code39, Code93, Code11, Interleaved 2 of 5, Matrix 2 of 5, Codabar (NW-7), MSI, Industrial 2 of 5, etc.
	<b>2D:</b> QR Code, Micro QR Code,PDF417, MicroPDF417, Data Matrix , Aztec, Maxi Code, Hanxin Code, etc.
Weight (USB)	< 110g

Device Dimension	150 *70*95mm (L*W*H)
Packing (CTN)	52*44.3*40cm (50pcs/ CTN) ; G.W.:20kgs
Cable length	1.5m
Material	ABS
Color	Black (stand also black)

<b>Decoding parameters</b>			
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Barcode type	barcode density	Nearest	Farthest
Code 39	0.14mm(5.5mil)	10mm	80mm
UPC-A	0.33mm(13mil)	20mm	200mm
QR Code	20.0mil	20mm	210mm
Data Matrix	10mil	10mm	100mm
PDF 417	6.8mil	40mm	130mm

<b>Environment parameters</b>	
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Operate temperature	-20°C to 50°C
Storage temperature	-40°C to 70°C
Relative humidity	5% to 95% (Non-condensing)
IP grade	Ip42
Shock resistance	2m free fall on concrete surface
High and low temperature test	30 minutes for high Temp., 30 minutes for low Temp.,
High temperature	60°C
Low temperature	-20°C
Transport vibration test	10H@125RPM