

AR4107 Specification

High Scanning Performance on Printed and Displayed 1D and 2D Barcodes

Physical

Dimensions	20Hx35Wx35D(mm)
Weight	under 34g(w/ Barcode Engine)
Interface	RS-232(w/ USB 5.0V Power), USB



Performance

Sensor Resolution	1280 Horizon x 960 Vertical (Pixels)
Field of View	44.5° Horizon x 33.5° Vertical (Angle)
Distance	Focal 6 inch (15.24cm)
Aiming LED	Green LED
Illumination	1 warm white LED

User Environment

Ambient Light	Max 107,639 lux (direct sunlight)
Temperature	Operating -20~50°C
	Storage -30~70°C
Humidity	Operating 95% RH, non-condensing at 50°C
	Storage 85% RH, non-condensing at 70°C
Shock Rating	2000G±5%, any mounting surface at -30°C and 60°C for 0.85±0.10ms
	2500G±5% any mounting surface at 20°C for 0.70±0.10 ms
Power	Operational input voltage: VCC=5.0±0.3V
	Total Current Draw: 340mA pk,270mA RMS
	Current Draw in low power: 3mA Typical

Related product: AR2707(2D Barcode Scanner with exactly same size and interface of AR4107)