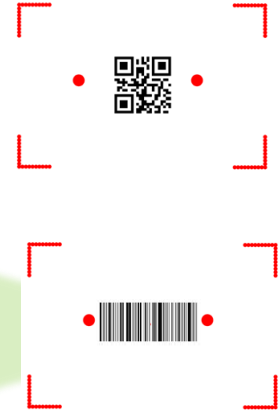
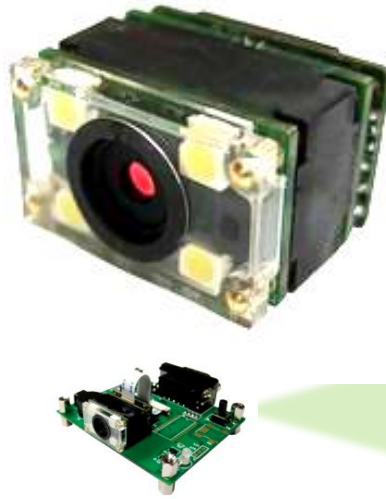


# ICOM CSE-6000 imaging engine (2D,1D 스캔엔진)



## 특징

CSE-6000은 가장 작은 사이즈의 H/W Decoding을 포함한 스캔엔진모듈 모든 1D, 2D 바코드를 인식 가능하며 H/W decoding board를 기본 탑재하여 가장 편하게 가장 심플하게 가장 빠르게 바코드의 인식을 가능하게 합니다.

CSE-6000 is new small 2D barcode engine for OEM systems & hardwares.

This miniature engine enables customers to fast and reliably integrate 2D barcode decoding solutions into target systems & and hardwares.

This engine can also to be provided in software to customers with the same Features and benefits of handheld scanner products.

## ICOM CSE-6000 Specifications

Physical Characteristics	
Dimensions:	11.8 mm H x 21.5 mm W x 16.3 mm D
Weight:	0.29 oz./8.22 grams
Interface:	Camera Port on 21 pin ZIF connector
Performance Characteristics	
Sensor Resolution:	752 x 480 pixels
Field of View:	Horizontal: 40°, Vertical: 25° Skew Tolerance: ±60° Pitch Tolerance: ±60° Roll Tolerance: 360°
Focal Distance from Front of Engine:	SR: 8 in. DL: 5.3 in. HD: 2.9 in.
Aiming LED (VLD):	655 ±10 nm Laser
Illumination Element:	625 ±5 nm LEDs (2x)
Min. Print Contrast:	Minimum 25% absolute dark/light reflectance measured at 650 nm
User Environment	
Ambient Light:	Max 96,900 lux (direct sunlight)
Operating Temperature:	-22° F to 131° F / -30° C to 55° C
Storage Temperature:	-24° F to 158° F / -40° C to 70° C
Humidity	Operating: 95% RH, non-condensing at 55° C Storage: 85% RH, non-condensing at 70° C
Shock Rating:	2000 G ±5%, any mounting surface, at -30 and 70° C for 0.85 ±0.05 ms 2500 G ±5%, any mounting surface, at 23° C for 0.85 ±0.05 ms
Power:	Operational Input Voltage: Engine: 3.3V ±10% Current Draw with Illumination and Aiming: 250 mA

Physical Characteristics		
Dimensions:	25.3 mm H x 38.0 mm W x 6.6 mm D	
Connector:	30-pin ZIF connector, 0.5mm pitch	
Host Types:	SSI, RS-232 (various modes), SNAPI, USB (various modes)	
Performance Characteristics		
Symbologies Supported:	<b>1D:</b> All major codes <b>2D:</b> PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode <b>Postal Codes:</b> US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal Dutch Postal (KIX)	
Image File Formats:	BMP, TIFF and JPEG	
Power:	Input Voltage: 3.3V ±10% Current draw (including engine): 300 mA average during scanning, 3.3V input	
Ranges		
SR Focus	Near	Far
5 mil Code 39	2.1 in./53 mm	7.5 in./191 mm
<b>100% UPC/EAN</b>	1.6 in./41 mm	15.5 in./394 mm
6.7 mil PDF417	3.4 in./86 mm	7.1 in./180 mm
HD Focus	Near	Far
3 mil Code 39	1.6 in./41 mm	3.8 in./97 mm
4 mil PDF417	1.8 in./46 mm	3.5 in./89 mm
Warranty		
Subject to the terms of ICOM's hardware warranty statement, the CSE6000 is warranted against defects in workmanship and materials for a period of 12 months from the date of shipment. For the complete ICOM hardware product warranty statement, go to: <a href="http://www.idsystems.co.kr">http://www.idsystems.co.kr</a>		

