

Snapshell® PC



The Snapshell® PC is a state-of-the-art networking solution that includes a fully functioning PC and cutting-edge Snapshell® ID reader. It comes with a choice of built-in Wifi connectivity and 1000 BaseT Ethernet port.

The **SnapShell® PC** solution includes a fully fledged PC and SnapShell® ID Reader both with a tiny footprint that requires very little space or power. The SnapShell® PC is a micro form factor PC bundled with the SnapShell® reader that easily fits into the palm of your hand. With their high power efficiency, this ID reading solution can easily be deployed into the most demanding environments.

The **SnapShell® PC** reader utilizes a 3 mega-pixel camera capable of snapping high quality digital images of ID cards up to 600 dpi. With a USB 2.0 connection and no moving parts, the SnapShell® ID Reader is a low maintenance, zero calibration solution that is super easy to setup and use. Simply place the ID document face down on the scanning window and SnapShell® does the rest.

The **SnapShell® PC** solution comes bundled with either IdScan® software, ScanShell.net® modular software or it can be used with our Software Development Kit (SDK) for smooth integration into 3rd party software or custom application development.

SnapShell® PC Hardware Features:

- Easy plug and play installation
- Low maintenance – No calibration
- Low wear and tear – No mechanical moving parts
- Excellent picture resolution – 600dpi true color
- Fast processing time – 2-3 seconds

Features:

(Specific features dependant on software version)

- Reads and authenticates* Driver's Licenses and ID cards of over 50 US states and 45 countries
- Reads both 1D and PDF 417 2D barcodes
- Reads business cards
- Easy integration into 3rd party applications
- Significantly Faster Scan/OCR time - 300 dpi 1 second, 600 dpi 2 seconds
- Optional automatic scanning upon placement of card
- Capture a full image of the license, or or cropped & signature image only
Extracts both image and data, including ID number, name, and demographics
- Authenticate validity of driver's licenses using legacy Infrared technology
- Optical Ultra Violet (special order) and Infrared authentication (coming soon)

*Available on Snapshell FDA units only using Digimarc Watermark authentication technology currently available in over 40 states.



For more information:
Card Scanning Solutions
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www.card-reader.com

Weight	25.29 oz (720 gr)	
Dimensions (L x W x H)	5.11" x 4.72" x 8.66" (149mm x 120mm x 220mm)	
Camera		
Camera Type	3 mega-pixel, 2048 x 1536 pixels	
Color Depth	24 bit	
Maximum Document Size	3.6" x 2.2"	
Optical Resolution	600 dpi	
Capture Speed (color)	1 sec (300 dpi), 2 sec (600 dpi)	
Interface	USB 2.0	
Light Source	White light (Optional Ultra Violet/Infrared)	
PC	Option 1	Option 2
CPU	Intel Atom Z530 1.6GHz / Z510 1.1GHz	
Chipset	Intel US15W SCH	
Memory	1GB DDR2-533 on-board	1GB DDR2-533 on-board (Optional 2GB)
Storage	Internal bay for 2.5" SATA HDD, miniSD socket	
		On-board 4GB Flash (optional)
Display & Graphics	Intel GMA500 graphics acceleration	
	Full hardware video acceleration of H.264, MPEG2, VC1, and WMV9	
	DVI Digital output up to 1920 x 1200 through HDMI connector	
Audio	Line-out, line-in, mic	
	High definition 2.0	5.1 Channels S/PDIF
Networking	1000 BaseT Ethernet	2x 1000 BaseT Ethernet
	802.11g WLAN	
USB	6 USB 2.0 High Speed ports	4 USB 2.0 High Speed ports
IR	Programmable consumer IR receiver	
Serial		RS232 full UART
BIOS	Phoenix BIOS, Bootable from HDD, USB thumb drive, USB CDROM, USB hard disk, over network	
Operating Systems	Windows 7 Professional or Windows XP Home SP3	
Case	100% aluminum, Die-cast body	
Operating Temperature	0 – 45 deg C with hard disk, 0 – 70 deg C with SSD	
Power	12V single supply, 8-15V tolerant	
Power Consumption	6W at low CPU load, 8W at full CPU load, <1W at standby	
	<7W at 1080p H.264 playback	