



*Smart Camera For
Machine Vision Applications*

SmartX-20 Series

The screenshot displays the SmartX-20 Series software interface. On the left, a camera view shows a barcode with the text "소비자상담실 080-060-8080" and the number "8 801620 008009". Below the camera view, the IP address is "192.168.2.11", the result is "OK", and the cycle time is "269.54". On the right, the "Settings" menu is open, showing options for Application, Filter, Barcode (checked), DMC, QR Code, and Micro QR Code. Below the settings are sections for Configuration and Statistics.



SMARTX- 20N



SMARTX- 20S

- 1D/2D Traceability
- Components Absence & Presence Check
- Alignment & Robot Guidance

WebSpect software is integrated in SmartX- ARM series can deliver a rugged and highly flexible machine vision solution with good cost value and ease of use in a compact form factor.

It offers 1D/2D code reading, Absence/Presence Checker & alignment with high computing speed and flexibility.

Hardware Specification

Description	SmartX-20N Series		SmartX-20S Series		
Processor Type	ARM Cortex A9, 866MHz Duo-Core CPUs		ARM Cortex A9, 866MHz Duo-Core CPUs		
Memory / Storage	512 MB DDR3 RAM & 4GB Flash		1 GB DDR3 RAM & 4GB Flash		
Image Sensor	0.3MP	1.3MP	0.3MP	1.3MP	5.0MP
Resolution	752 X 480	1280 X 960	752 X 480	1280 X 960	2592 X 1944
Sensor Size	1/3 CMOS	1/3 CMOS	1/3 CMOS	1/3 CMOS	1/2.5 CMOS
Frame Rate	90fps	45fps	60fps	45fps	13fps
Ethernet Port	10/100M		10/100M		
Communication Port	TCP / UDP		RS232 / TCP / UDP		
Isolated I/Os	2IN / 2OUT		1 TRIGGER / 4IN / 4OUT configurable		
Lighting Control	Embedded Lighting		External 0 to 350mA Driver		
Power Supply	9 to 30VDC, 1.5W		9 to 30VDC, 2W		
Dimension	20 X 20 X 60mm		64 X 47 X 29mm		
Weight	50gm		120gm		