



Appearance							
Series	Detection: Spot, Pattern, Edge, Circle; Counting: Spot counting, Pattern Counting; Position correction, Dichotomy, OCR						
Resolution	1280*800		60		1920*1200		
Frame Rate	60						
Color/B&W	Black and White						
Shutter	Overall View						
Exposure Time	20 us ~ 10000 us						
Pixel Size	3um x 3 um						
Target Size	1/4"			1/2.6"			
Focusing Method	Mechanical Focus						
Focal Length	8mm	12mm	16mm	8mm	12mm	16mm	
Operating Distance	100~1000mm						
Position	1 Green Light Point Indicating the Center Area of the Detection Position						
Status	5 Status LEDs and Buzzer						
Light Source	Unpolarized Red Light, Unpolarized White Light, Polarized Red Light, Polarized White Light						
Input Control	Two Input Control, Photocoupler Isolation, Support NPN and PNP						
Output Control	Triple Output Control, Photocoupler Isolation						
Communications Protocol	TCP Server, TCP Client, ModBus TCP, ModBus RTU, Profinet, Ethernet/IP, MELSEC/SLMP, Serial						
Communication Interface	RS232, Ethernet						
Power Input	24 VDC						
Power Consumption	15W						
Overall Dimension	58*53.5*69mm						
Weight	About 220g						
Operating Temperature	0 ~ 45°C						
Storage Temperature	-20 ~ 70°C						
Humidity	5% ~ 95%RH (Non-condensing)						
Protection Level	IP67						
Model	Unpartialized White Light	VDS20-BX0108-WP	VDS20-BX0112-WP	VDS20-BX0116-WP	VDS20-BX0208-WP	VDS20-BX0212-WP	VDS20-BX0216-WP
	Unpartialized Red Light	VDS20-BX0108-RP	VDS20-BX0112-RP	VDS20-BX0116-RP	VDS20-BX0208-RP	VDS20-BX0212-RP	VDS20-BX0216-RP
	Polarized Red Light	VDS20-BX0108-RD	VDS20-BX0112-RD	VDS20-BX0116-RD	VDS20-BX0208-RD	VDS20-BX0212-RD	VDS20-BX0216-RD
	Polarized White Light	VDS20-BX0108-WD	VDS20-BX0112-WD	VDS20-BX0116-WD	VDS20-BX0208-WD	VDS20-BX0212-WD	VDS20-BX0216-WD

- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Code Readers
- Vibration
- Temperature
- Accessories

- Guidance
- Vision Camera
- AKUSENSE AIMS
- Smart Camera

Dimensions

unit: mm

