



Appearance			
Vision Tools	Counting: spot counting, pattern counting, edge counting; with or without: spotting with or without, pattern with or without, color with or without, edge with or without, circle with or without, straight line with or without		
Equipment Monitoring	Support 1 to 12 vision sensors to detect real-time screen		
Resolution (HxV)	1280*800		
Maximum capture frame rate (fps)	60		
Imager	Monochrome		
Shutter	Global		
Exposure time	20 μs ~ 10000 μs		
Gaining	0 dB ~ 256dB		
Image size	3m x 3m		
Target surface size	1/4"		
Focusing method	Focusing method	Liquid Focusing	
Focal length	6mm		
Working distance	30 ~ 300mm (@ Manual) , 40 ~ 300mm (@ Liquid)		
Location indication	2 green light dots indicate the central area of the scanning position		
Status indication	3 status LEDs and buzzer		
Polarizer	Polarization integrated model		
Light source	Unpolarized red light/unpolarized white light/polarized red light/polarized white light		
Input Control	Two optical coupling isolated input, support NPN, PNP type		
Output Control	Three non-isolated outputs		
Communication Protocol	TCP Server, TCP Client, ModBus TCP, MELSEC, SLMP, Serial		
Communication Interface	RS232、Ethernet		
Data Interface	Fast Ethernet (100Mbit/s)		
Power input	24V DC		
Power consumption	5W		
Dimension	47*25*43mm		
Weight	about 100g		
Operating temperature	0~45° C		
Storage temperature	-20~70° C		
Humidity	5%~95%RH(Non-condensing)		
Protect degree	IP67		
Model	Non-reddish light	VDS10-BH0106RP	VDS10-BQ0106RP
	Non-polarized white light	VDS10-BH0106WP	VDS10-BQ0106WP
	Polarized red light	VDS10-BH0106RD	VDS10-BQ0106RD
	Polarized white light	VDS10-BH0106WD	VDS10-BQ0106WD

Dimensional specifications

Unit: mm

