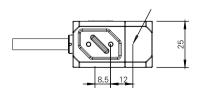
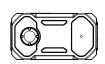
VDS10 Series



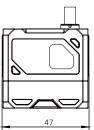
Appearance			
Vision Tools		Counting: spot counting, pattern counting, edge counting; with or without: spotting with or without,	
		pattern with or without, color with or without, edge with or without, circle with or without, straight line with or without	
Equipment Monitoring		Support 1 to 12 vision sensors to detect real—time screen	
Resolution (HxV)		1280*800	
Maximum capture frame rate (fps)		60	
Imager		Monochrome	
Shutter		Global	
Exposure time		20 μ s~10000 μ s	
Gaining		0 dB ~ 256dB	
Image size		3m x 3m	
Target surface size		1/4"	
Focusing m	nethod	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	
N	lon—reddish light	VDS10-BH0106RP	VDS10-BQ0106RP
Model	lon–polarized white light	VDS10-BH0106WP	VDS10-BQ0106WP
Р	olarized red light	VDS10-BH0106RD	VDS10-BQ0106RD
Р	olarized white light	VDS10-BH0106WD	VDS10-BQ0106WD

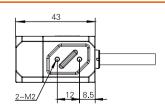
Dimensional specifications

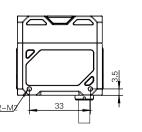












Unit: mm

AKUSENSE