



SN-IPS2-IR (2MP Full HD 20x Zoom)

V1.1

	Parameter	Description
Module FCB-CH6300	Image sensor components	1/3Inch CMOS
	Pixel	2Mega Pixel
	Resolution	1920x1080
	Video Format	1080p/25(PAL), 1080p/30(NTSC)
	Synchronization	Internal
	Shot	4.7mm(wide) – 94mm(tele), F1.6 – F3.5
	Minimum working distance	wide: 10mm tele: 800mm
	Focus	Auto / Manual
	Optical zoom	20x
	Digital zoom	12x
	Horizontal angle of view	55.4 Degree (wide) – 2.9Degree (tele.)
	Signal to Noise Ratio	50dB
	Min illumination	Filter off: 0.26Lux; Filter on: 0.005Lux
	Recommended illumination of work	100Lux – 100000Lux
	BLC	On / off
	Aperture	Auto / Manual
	Electronic shutter	1/1 – 1/10000 Second, 22 levels
	White Balance	Auto / Auto Tracking / Indoor / Outdoor / Manual / sodium mode
	Gain	Automatic / manual,-3dB - 28dB, min 16
	Wide dynamic	Auto / On / Off
Noise suppression	6 Levels	

	Sharpness	16
Dome function	Level range	360 -degree continuous rotation
	Horizontal speed	0.01-360 degrees / sec.
	Vertical range	0-180 degrees, automatic flip
	Vertical angle	0-93 degrees
	Vertical speed	0.01-360 degrees / sec.
	Coordinate direction	Support
	Position-indicating	Support
	Preset	255
	Preset Speed	360 degrees / sec.
	Preset accuracy	< 0.5 degrees
	Line scan	12, left and right boundaries can be set up, scanning speed can be set
	Cruise	12, each up to 32 preset points
	Pattern	6, maximum 1000 per order
	Guard bits	Idle for some time (1-240 minutes), can run preset position, cruise, line scan pattern scan etc.
	Run time	Timing can be set to run preset position, cruise, line scan pattern scan etc.
	Power and memory	Support
	Alarm	2 alarm inputs (switch type), 1 alarm output (normally open or normally closed support)
	Alarm	Linkage can be preset, cruise, line scan pattern scan etc.
	3D positioning	Support
	Remote upgrade	Support
	PTZ control	IP platform control, and also supports external 485
	485	Full-duplex
	485	PELCO-D,PELCO-P, Support adaptive, protocol can be customized
485 soft and hard address	Supported	
Analog video output	BNC connector, 1.0Vp-p/75 Europe, PAL / NTSC support	
Intelligent power control temperature	Supported	
Intelligent fan control	Support	

Network functions	Voice input and output	Linear audio, 1 output, 1 input
	Network Interface	RJ-45, 10/100Base-T
	SD card	A MICRO SD card interface supports up to 16GB Micro SD / HC card
	Video encoding format	H.264(ISO/IEC 14496-10) high/baseline profile
	Rate control	CBR、VBR
	Image Coding Specification	Maximum support 1920x1080p@25fps
	Multi-stream	Supported
	Image Overlay	Time, date, channel number, temperature, channel names and custom text
	Speech coding format	Support for G.711, G.723.1/AMR (optional)
	Voice intercom	Support
	Motion Detection	Support
	Heartbeat	Support
	Alarm and event handling	Through the built-in motion detection or external input or according to plan to the trigger event
	Network control	Via FTP, Email, and HTTP upload images and notification
	Web Server	Embedded network bandwidth adaptive flow control technology
Network protocol	Support for embedded Web Server, support real-time monitoring and browser configuration parameters	
Security	IPv4/v6, RTP / RTCP, TCP / UDP, HTTP, DHCP, DNS, FTP, DDNS, PPPOE, SMTP	
General Specifications	Power supply	Password protection, support for multi-user, multi-level group management
	Power	Power Supply: AC 24V, 2.5A
	Operating temperature and humidity	Heater Power: AC 24V, 2.5A
	Heater starts working temperature	Power: maximum 24W
	Temperature of the heater to stop working	> 5 °C (error: ± 3 °C)
	Degree of protection	IP66 (outdoor ball), 8KV lightning protection, anti- surge, anti-break
	Storage environment	-40-85 °C Humidity < 90%
	Support	Optional outdoor wall mounting bracket, wall mount, indoor lifting

		bracket
	Installation	Wall, ceiling, wall mounted, etc.
	Weight (without stand)	Interior: 3.85KG Outdoor: 4.25KG