

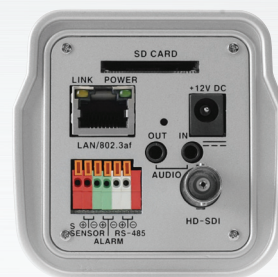
2.0MP 20X Zoom IP Box Camera

VS-541-HDMI/VS-541-HDSDI

- 2 MP 1/2.5" 1920 x 1080 CMOS Sensor
- Full HD resolution 1080p30 / 1080i60 Video and Audio Encoding
- 20x Optical Zoom Lens Built-in (F1.6 ~ F3.5, f=4.7mm ~ 94mm)
- 240x Zoom (20x Optical Zoom, 12x Digital Zoom)
- Up to 30fps @ 1920 x 1080 live streaming
- H.264/H.264 & H.264/MJPEG Dual Streaming
- HD-SDI Video Output (VS-541-HDSDI)
- Two-Way Audio Communication (G.711/AAC)
- True Day & Night (Motorized IR Cut Filter)
- BLC (Back Light Compensation)
- WDR (Wide Dynamic Range)
- SD™ Card Recording
- RS-485 Communication, Pelco D or Pelco P Protocol
- Integrated Video Motion Detection
- 2 Motion Sensor Inputs & 2 Alarm Outputs
- Built-in PoE (Power Over Ethernet :802af)
- Various Protocols : TCP/IP, Multicast, UDP, HTTP, SMTP, FTP, DHCP, DNS, Dynamic DNS, RTP, RTSP, SNMP
- PSIA and ONVIF compliant
- SDK & API Available



VS-541



VS-541-HDSDI



SPECIFICATIONS

Section		Specifications
Network	Network Interface	Ethernet 10/100Base-T (RJ-45)
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
Camera	Image Sensor	2.0M 1/2.5" CMOS Image Sensor
	Focal Length	F1.6 ~ F3.5, f=4.7mm ~ 94mm
	Zoom	x20 Optical Zoom and x12 Digital Zoom
	Focus Position	∞ ~ 1cm
	Angle of View	Horizontal : 54.1(Wide) ~ 3.0(Tele)
	Minimum Illuminance	1.0 Lux (B/W), F1.8 with 50 IRE
	S/N Ratio	50 dB or more
	AE Mode	Auto, Manual, Bright, Shutter Priority, Iris Priority, Spot
	IRIS Control	Auto / Manual (F1.8 ~ F26, Close)
	Gain Control	Auto / Manual (-3 ~ 18dB)
	Shutter Control	Auto / Manual (1/2 ~ 1/10,000 sec)
	White Balance	Auto / Manual (Red, Blue Gain Adjustable)
	DSS Limit	1/60 ~ 1/2 or 1/50 ~ 1/2
	Day & Night	Auto / Day / Night (ICR)
	BLC	Auto / Manual
Video	WDR	On / Off
	Aperture Control	16 steps
Video	Standards	Main Stream: H.264
		Secondary Stream: H.264/MJPEG

Section		Specifications
Video	Output	1 x HDMI or 1 x Composite (BNC type) or 1 x HD-SDI (BNC type) (Choose one option)
	Resolution	1920x1080 ~ 352x240, 18 resolution steps
	Max Frame Rate	H.264/MJPEG: 30fps @ all resolutions
	Bitrate	32Kbps ~ 8Mbps
Audio	Algorithm	G.711/AAC
	Input	1 x Line-In (Mini-stereo, Stereo Signal)
	Output	1 x Line-Out (Mini-stereo, Stereo Signal)
	Sample Rate	G.711: 8KHz, AAC: 32KHz
Serial Port	Port	1 x RS-485
	Data Rate	2,400bps ~ 115,200bps
Sensor/Alarm/etc.	Sensor Input	1 x Photo-Coupler Input
	Alarm Output	1 x Relay Output (Normal Open)
User Interface	Reset Button	Factory Reset Button
	System Status	LED
Software	True NVR/CMS	Live Monitoring, Recording, Search & Playback, Backup
Physical	Dimensions	167.1 (W) x 74 (L) x 73 (H) [mm]
	Weight	685g
	Power Source	DC 12V/0.7A PoE : 802.3af
	Power Consumption	Max 8.5W
Operating Temp.		-10°C ~ 50°C / 14°F ~ 122°F