

# CCMS2010-IR/IRW

2 Megapixel Compact IP Camera with integrated IR illumination, PoE and WIFI models

**VANDERBILT**

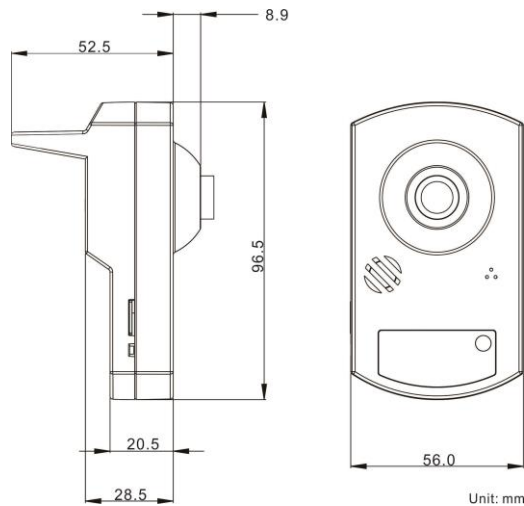


CCMS2010-IR  
CCMS2010-IRW

The new Vanderbilt IP camera incorporates many advanced features to match security requirements of today by combining both low light performance and clarity with its ultra-compact size. Flexible installation is achievable with WiFi and LAN (PoE), as well as Onvif compatibility, whilst integrated IR-illumination ensures the best possible image quality for every application. Designed to support our SPC intruder detection systems, this 2MP, Full-HD quad streaming camera compliments our IP portfolio as an easy-to-use networkable indoor device.

## Key features include:

- 2-Megapixel Sensor (1/2.7")
- Integrated IR illumination
- D/N with mechanical IR-cut filter
- Built-in Microphone and loudspeaker
- Full HD 1080p @ >25fps
- Quad streams H264/MJPEG
- Simultaneous H.264 and MJPEG encoding
- Wide angle lens for optimum view (2.8mm)
- Compatible with Vanderbilt SPC intrusion system for pre/post alarm recording
- PoE and WIFI models
- ONVIF protocol support (Streaming Profile S compliant)
- Basic motion detection and tamper alarm
- Support micro SD up to 32 GB (4GB included)
- Power supply & Camera Bracket included



## Technical data

Camera	CCMS2010-IR	CCMS2010-IRW
Image sensor	1/2.7" Progressive CMOS	
Effective pixels	1920 (H) x 1080 (V)	
Minimum Illumination	Colour: 0.2 lux (F2.0) 30 IRE B/W: 0.02 lux (F2.0) 30 IRE	
White Balance	Manual / AWB / ATW	
Shutter Speed	1 ~ 1/10000 sec.	
<b>Lens</b>		
Focal Length	2.8 mm	
F Number	F2.0	
<b>Operation</b>		
Multiple Languages	German / English / Spanish / French / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Traditional Chinese	
<b>Image Setting</b>		
Backlight Compensation	On / Off	
White Balance	Auto / Manual / ATW / One Push	
Noise Reduction (3D)	On / Off	
Wide Dynamic Range	On / Off	
Privacy Mask	On / Off	

Brightness	Manual
Exposure	Auto / Manual
Sharpness	Manual
Contrast	Manual
Saturation	Manual
Hue	Manual
Digital Zoom	Supported
Motion Detection	On / Off / By Schedule
Privacy Mask Type	Color
ICR	Auto / On / Off / Smart
ICR + IR LED	Auto / LED On / LED Off / Smart IR / Light Sensor
Tamper Alarm	On / Off / By Schedule
<b>Audio</b>	
Two-way Audio	Built-In Microphone and Speaker
Compression	G.711 / G.726
<b>Network</b>	
Interface	RJ-45, 10/100 Mbps      WiFi 802.11 b/g/n 2.4GHz
Video Compression	H.264 / MJPEG
Video Streaming	<u>Dual Streams</u> - H.264 + H.264 / H.264 + MJPEG <u>Quad Streams</u> - H.264 x 4 / H.264 x 3 + MJPEG
Video Resolution	<u>H.264</u> - Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / QVGA / CIF <u>MJPEG</u> - Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / QVGA / CIF
Frame Rate	<u>Dual Streams</u> - 1080P (30/25 fps) + D1 (30/25 fps)
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP
Security / Authorization	HTTPS / IP Filter / IEEE 802.1X      HTTPS / IP Filter / WEP / WPA / WPA2 Wireless Security
Alarm Input	1, 5V 10kΩ pull up
Alarm Output	1, Photo Relay Output
Event Notification	HTTP / FTP / SMTP

Micro-SD	Micro SDHC 32GB Support (included 4GB)	
Supported Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari	
User Account	20	
Password Levels	User and Administrator	
<b>Built-in IR Illuminator</b>		
Working distance	up to 5m (dependent on scene reflectance)	
Wavelength	850 nm	
Number of LEDs	2	
<b>Mechanical</b>		
Power Connection	PoE / DC Jack	Micro USB (with 1A USB Adapter)
LED Indicator	Power / Link / ACT	Power (Green) / WiFi (Orange)
Alarm Connector	4 Pin Terminal Block (Female)	
Power Connector	DC Jack	Micro USB Port
Ethernet Connector	RJ-45	N/A
<b>General</b>		
Power Adapter	12 VDC power adapter provided in the box	USB power adapter provided in the box
Operating Temperature	-10°C ~ 50°C	
Humidity	10% ~ 90%, No Condensation	
Dimension (W x H x D)	56 x 96.5 x 61.40 mm	
Weight	120 g	
Power Source	PoE / DC 12V	1A USB Adapter 5V
Power Consumption	< 4W	
Approval	CE	

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## Details for ordering

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Type	Part no.	Designation	Weight
CCMS2010-IR	V54561-C112-A100	2MP Compact IP Camera with IR, PoE	450g
CCMS2010-IRW	V54561-C112-A200	2MP Compact IP Camera with IR, WIFI	450g

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