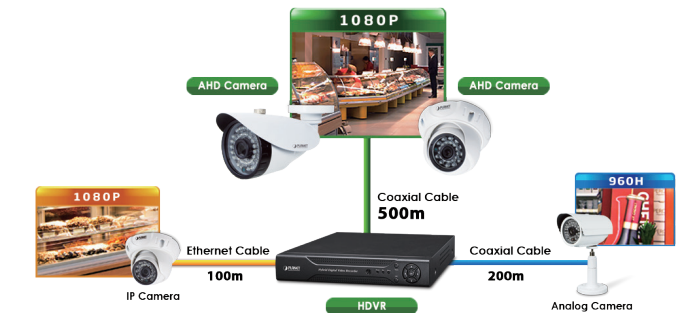


Analog Cameras		
Model	CAM-AHD325	CAM-AHD425

Product Image



Resolution	1080p	1080p
Hybrid Signal	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Sensitivity	0 lux with built-in IR LED	0 lux with built-in IR LED
Sensor	1/2.8" Sony CMOS sensor	1/2.8" Sony CMOS sensor
Lens	3.6mm/F1.2	3.6mm/F1.2
IR Distance	30 meters	20 meters
WDR	D-WDR	D-WDR
Day and Night	IRC switch	IRC switch
Digital Noise Reduction	2DNR/3DNR	2DNR/3DNR
Water Resistance	IP66	IP65



Midrange Desktop			Mainstream	
Model	NVR-915	NVR-1615	NVR-820	NVR-E6480

LAN Ports	1 x 10/100/1000Mbps		1 x RJ45, 10/100/1000BASE-T	2 x 10/100/1000Mbps
Hard Drive	2 x 3.5" SATA HDD		2 x 3.5" SATA II HDD	8 x 3.5" SATA HDD
RAID	-	-	-	Software RAID 0,1
e-SATA	●	●	-	●
USB	2	2	2	6
Database Backup	●	●	●	●
DI/DO	4/4	4/4	-	-
Two-way Audio (G.711/G.726)	●	●	●	●
Video Output	HDMI, VGA (1920 x 1080)		HDMI, VGA (1920 x 1080)	HDMI, VGA (1920 x 1200)
Video Channels	9	16	8	64 (H.264+ only mode), 32 (H.264+/H.264 mixed mode)
Video Split Mode	1, 4, 6, 9, Full Screen		1, 4, 6, 9, Full Screen	Local: 1, 4, 5, 6, 8, 9, 10, 12, 16 Remote: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64
Video Compression	H.264	H.264	H.264 / MPEG-4 / M-JPEG	H.264
Video Resolution	5M, 3M, Full HD, SXGA, VGA, QVGA		5MP, 3MP, 1080p, 720p, FD1, CIF, QCIF	5M, 3M, Full HD, SXGA, VGA, QVGA
Max. Live Video Frame Rate	120fps at 1080p	120fps at 1080p	240fps@720p (8-ch), 120fps@1080p (4-ch), 80fps@3MP (2-ch)	Max. 1920fps in total; max. 30fps per camera
Max. Bitrate	48Mbps	80Mbps	100Mbps	300Mbps
ONVIF	●	●	●	●
Auto-Configuration Planet IP CAM	●	●	●	●
Power Loss Recovery	●	●	●	●
Multi-Language	●	●	●	●
E-Map	●	●	●	●
Dual Stream	●	●	●	●
PTZ Control	●	●	●	●
Multi-Monitor	●	●	●	●
Mobile Apps	● (iOS/Android)	● (iOS/Android)	● (iOS/Android)	● (iOS/Android)
Event Trigger	●	●	●	●
Intelligent Video (with CMS/Camera)	Motion, Tampering, Audio, Disconnect Detection		● (with camera & CMS)	Motion, Tampering, License Plate Recognition, Line Crossing, Enter Area, Missing Object, Unattended Object, Object Counting, People Counting
CMS	CV5-M256	CV5-M256	CV3-M256	CV7-M64, CV7-LP, CV7-VA

Retail			
Model	HDVR-830	HDVR-435	HDVR-1635

LAN Ports	1 x RJ45, 10/100BASE-TX	1 x RJ45, 10/100BASE-TX	
Hard Drive	1 x 3.5" SATA HDD (max. 4TB)	1 x 3.5" SATA HDD (max. 6TB)	
BNC Interface	8	4	16
Video Interface	HDMI, VGA	HDMI, VGA, BNC	HDMI, VGA
Audio Interface	4 x audio-in, 1 x audio-out	4 x audio-in, 1 x audio-out	
USB Interface	2 x USB 2.0 for backup device and mouse		
Video Compression	H.264	H.264, H.265	
Video Signal	AHD, CVBS, IP	5-in-1 (AHD, TVI, CVI, CVBS, IP)	
Resolution	IP camera: 1080p, 720p Analog camera: AHD-M (720p), AHD-L (960H), D1, HD1, CIF	4 x audio-in, 1 x audio-out 2 x USB 2.0 for backup device and mouse H.264, H.265 5-in-1 (AHD,TVI, CVI, CVBS, IP)	
Encode Capacity	8-ch AHD, 8-ch D1, 8-ch HD1	4 x 1080p@15fps	16 x 1080p@15fps
Decode Capacity	1-ch AHD, 1-ch D1, 8-ch HD1	4 x 1080p@15fps	16 x 1080p@15fps
Hybrid Mode	Analog: 8-ch AHD-M, 8-ch AHD-L Analog + IP: 4-ch AHD-M + 4-ch 720p IP: 8-ch 720p, 2-ch 1080p, 2-ch 720p	Analog: 4-ch 1080p Analog + IP: 2-ch + 2-ch 1080p IP: 4-ch 1080p	Analog : 16-ch 1080p Analog + IP: 12-ch + 4-ch 1080p, 8-ch + 8-ch 1080p, 4-ch +12-ch 1080p IP: 16-ch 1080p
Audio Type	Two-way (G.711)	Two-way (G.711)	Two-way (G.711)
Display Division	1, 4	1, 4, 8, 9	1, 4, 8, 9, 16
Display Quality	1920 x 1080, 1440 x 900, 1280 x 1024, 1280 x 720, 1024 x 768		
Additional Camera	Manual, Smart Camera Search		
Record	Manual, Alarm, Motion Detection, Schedule		
Local Playback	●	●	●
Power Loss Recovery		●	●
Event Type	System Events: No Disk, Disk Error, Disk Full, Net Loss, IP Conflict Camera Events: Motion Detection, Video Blind, Video Loss, Alarm Input, Alarm Output		
Event Action	Show Message, Buzzer, Send e-mail, FTP Upload		
Snapshot	●	●	●
PTZ Control	● (RS485)	● (RS485)	● (RS485)
Cloud P2P	-	● (QR Code)	● (QR Code)
Mobile Apps	● (iOS, Android)	● (iOS, Android)	● (iOS, Android)
PLANET DDNS	●	●	●
CMS	●	●	●
ONVIF	●	●	●



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PLANET Solution

Wi-Fi

- 2 Mega-pixel IR PoE Plus Speed Dome IP Camera ▶ ICA-66265
- PoE Switch
- 5GHz 802.11n 300Mbps Outdoor Wireless AP ▶ WAP-552N
- 802.11a/n Wi-Fi Outdoor AP ▶ WCAP-602AC
- H.265 4MP PoE Bullet IR IP Camera ▶ ICA-3460V
- 802.11a/n Wi-Fi Outdoor AP ▶ WBS-202N

VDSL2

- Gigabit High Power over Ethernet Injector ▶ POE-161
- 720p SIP Vandalproof Door Phone with PoE ▶ HDP-1160PT
- 802.11n Wireless VDSL2 Bridge/Router ▶ VDR-301N
- 720p Wi-Fi PT IP Camera ▶ ICA-W7100

Fiber

- 2MP PoE Plus Speed Dome IP Camera ▶ ICA-65090
- Industrial PoE Media Converter ▶ IGP-805A
- Network Video Recorder ▶ NVR-65480

PoE

- PoE+ Switch ▶ GS-5220-24PX
- 2MP PoE+ Speed Dome IP Camera ▶ ICA-65090
- H.265 4MP PoE Bullet IR IP Camera ▶ ICA-3460V
- H.265 4MP PoE Dome IR IP Camera ▶ ICA-4450V

Ethernet over Coaxial

- Long Reach PoE Switch ▶ LRP-1622CS
- Long Reach PoE Extender ▶ LRP-101CE
- 2MP IR PoE Plus Speed Dome IP Camera ▶ ICA-66265
- H.265 1080p IR Bullet PoE IP Camera ▶ ICA-3250
- Long Reach PoE Extender ▶ LRP-101CE

4G

- Vehicle 4G LTE Cellular Wireless Gateway ▶ VCG-1500WG-LTE
- ISP

P

- 2 Mega-pixel IR PoE Plus Speed Dome IP Camera ▶ ICA-66265
- 2MP IR PoE Plus Speed Dome IP Camera ▶ ICA-66265
- H.265 1080p IR Bullet PoE IP Camera ▶ ICA-3250
- Long Reach PoE Extender ▶ LRP-101CE
- 2MP IR PoE Plus Speed Dome IP Camera ▶ ICA-66265
- H.265 1080p IR Dome PoE IP Camera ▶ ICA-4450
- Long Reach PoE Extender ▶ LRP-101CE

Applications:

- Historic Spot:** 2 Mega-pixel IR PoE Plus Speed Dome IP Camera, PoE Switch, 5GHz 802.11n 300Mbps Outdoor Wireless AP, 802.11a/n Wi-Fi Outdoor AP, H.265 4MP PoE Bullet IR IP Camera, 802.11a/n Wi-Fi Outdoor AP.
- Home:** Gigabit High Power over Ethernet Injector, 720p SIP Vandalproof Door Phone with PoE, 802.11n Wireless VDSL2 Bridge/Router, 720p Wi-Fi PT IP Camera.
- Highway:** 2MP PoE Plus Speed Dome IP Camera, Industrial PoE Media Converter, Network Video Recorder.
- Remote Monitoring:** PoE+ Switch, 2MP PoE+ Speed Dome IP Camera, H.265 4MP PoE Bullet IR IP Camera, H.265 4MP PoE Dome IR IP Camera.
- Building:** PoE+ Switch, 2MP PoE+ Speed Dome IP Camera, H.265 4MP PoE Bullet IR IP Camera, H.265 4MP PoE Dome IR IP Camera, 64-Ch Windows-based Network Video Recorder.
- Factory:** 2MP IR PoE Plus Speed Dome IP Camera, Long Reach PoE Switch, Long Reach PoE Extender, H.265 1080p IR Bullet PoE IP Camera, Long Reach PoE Extender, 2MP IR PoE Plus Speed Dome IP Camera, H.265 1080p IR Dome PoE IP Camera, Long Reach PoE Extender.
- Train:** 2 Mega-pixel IR PoE Plus Speed Dome IP Camera, Vehicle 4G LTE Cellular Wireless Gateway, ISP, 802.11a/n Wi-Fi Outdoor AP, H.265 4MP PoE Bullet IR IP Camera, 802.11a/n Wi-Fi Outdoor AP.



Security Monitoring with Total IP Solution

www.PLANET.com.tw

H.265 IP Cameras

	Bullet		Dome	
Model	ICA-3250	ICA-3460V	ICA-4250	ICA-4460V



	Full HD 1080 SONY Sensor		Full HD 1080 SONY Sensor	
Sensor Type	1/2.8" Sony Exmor Progressive CMOS	1/3" Progressive CMOS	1/2.8" Sony Exmor Progressive CMOS	1/3" Progressive CMOS
Sensor size in megapixel	2	4	2	4
Lens Type	f =3.6mm / F1.2	Vari-focal 2.8~12mm, F1.2	f =3.6mm / F1.2	Vari-focal 2.8~12mm, F1.2
View Angle	H: 74° V: 55°	H: 27°~90° V: 27°~90°	H: 74° V: 55°	H: 27°~90° V: 27°~90°
Sensibility (Lux)	0.01 Lux (Color) 0 Lux (B/W)	0.01 Lux (Color) 0 Lux (B/W)	0.01 Lux (Color) 0 Lux (B/W)	0.01 Lux (Color) 0 Lux (B/W)
Shutter Time	1/25~1/10000 sec	1/25~1/10000 sec	1/25~1/10000 sec	1/25~1/10000 sec
IR LED	24 (850nm)	48 (850nm)	24 (850nm)	36 (850nm)
IR Effective Distance	20 meters	30~45 meters	20 meters	20~40 meters
ICR (IR-cut Removable)	●	●	●	●
Image Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Resolution	1920x1080 to 352x288	2592x1520 to 176x144	1920x1080 to 352x288	2592x1520 to 176x144
Frame Rate	Up to 30fps for all resolutions		Up to 30fps for all resolutions	
Audio Capability	Two-way Audio	Two-way Audio	Two-way Audio	Two-way Audio
Pan/Tilt/Zoom	Digital Zoom	Digital Zoom	Digital Zoom	Digital Zoom
PoE	IEEE 802.3af (Class 3)	IEEE 802.3af (Class 3)	IEEE 802.3af (Class 3)	IEEE 802.3af (Class 3)
Waterproof	IP66	IP66	IP66	IP66
ONVIF	●	●	●	●
WDR	●	●	●	●
PLANET DDNS	●	●	●	●
Multi-view Streaming	●	●	●	●
Intelligent Video	Motion Detection with Alarm Events (via FTP, email and HTTP)			
Image Setting	Brightness, saturation, contrast, Mirror/Rotate, Privacy mask (4 regions), Text, time and date overlay			
Cable Management	●	●	-	●
Operating Temperature	-10°C to 50°C	-10°C to 55°C	-10°C to 50°C	-15°C to 55°C
Mobile Apps	● (iOS/Android)	● (iOS/Android)	● (iOS/Android)	●

Great Video Quality and Excellent Night Vision for 24-hour Surveillance



H.265 4MP PoE Bullet IR IP Camera with Vari-focal Lens
▶ ICA-3460V

▶ HDVR-1635

Powerful IR

Longer Recording Time

H.265 60 Days
H.264 30 Days

Less Bandwidth

Decrease by 50% max.

H.264 **H.265**

2 Mega-pixel IP Cameras with Extended Support

	Bullet Type	Dome Type	P/T/Z
Model	ICA-E6260	ICA-E6265	ICA-W7100



	Full HD 1080 IVS SONY Sensor	Full HD 1080 IVS SONY Sensor	HD720 802.11
Sensor Type	1/2.8" Progressive CMOS	1/2.8" Progressive CMOS	1/4" Progressive CMOS
Lens Type	f = 4.5~148.5mm/F1.6~5.0	f = 4.6~165.6mm/F1.55~5.0	f = 3.6mm/F1.4
View Angle	H:3°~69.3° 0.1 lux (color) 0.05 lux (B/W)	H:3°~69.3° 0.05 lux (color) 0 lux (B/W)	H: 75° V: 55° 0.1 Lux (Color) 0 Lux (B/W)
IR LED	-	8 (850nm)	11 (850nm)
IR Effective Distance	-	150 meters	10 meters
ICR (IR-cut Removable)	●	●	●
Image Compression	H.264/MJPEG	H.264/MJPEG	H.264
Max Resolution	1920 x 1080 (60fps) 1280 x 720 (60fps)	1920 x 1080 (60fps) 1280 x 720 (60fps)	1280 x 720 (30fps)
Audio Capability	Two-way Audio	Two-way Audio	Two-way Audio, built-in Mic
Pan/Tilt/Zoom	●	●	0 ~ 355° / 0 ~ 90° / Digital Zoom
Zoom Ratio	33x Optical	36x Optical	-
PoE	IEEE 802.3at/AC 24V	IEEE 802.3at/AC 24V	-
Wireless Interface	-	-	●
Waterproof	IP67	IP66	-
Vandalproof	IK9	IK10	-
IPv6	●	●	-
ONVIF	●	●	●
WDR	●	●	●
PIR	-	-	-
DI/DO	4/2	4/2	1/1
Intelligent Video	Motion, Tampering, Shock, PTZ Auto Tracking	Motion, Tampering, PTZ Auto Tracking, Line Crossing, Enter Area, Missing Object, Unattended Object	Motion
On-board Storage	mSDHC card slot	mSDHC card slot	mSD/SDHC card slot
Operating Temperature	-40°C~55°C	-40°C~55°C	-10°C to 50°C
Extended Software	CV7-LP, CV7-VA	CV7-LP, CV7-VA	● (iOS/Android)

Advanced, high-speed IR PTZ domes with auto tracking function

2 Mega-pixel IR PoE Plus Speed Dome IP Camera with Extended Support
▶ ICA-E6265

Auto-Tracking

150M IR **60fps** **0.05 Lux Min. Illumination**

33x Zoom

5 Mega-pixel IP Cameras with Extended Support

	Fisheye Type
Model	ICA-E8550



	5MP EN50155
Sensor Type	1/3.2" Progressive CMOS
Lens Type	f = 1.19mm/F2.0
View Angle	H:189° (overview area), 115.3° (high detail area)
Sensibility (Lux)	0.1 lux (color) 0 lux (B/W)
IR LED	3 (850nm)
IR Effective Distance	15 meters
ICR (IR-cut Removable)	●
Image Compression	H.264/MJPEG
Max Resolution	2592 x 1944 (15fps) 2048 x 1536 (15fps)
Audio Capability	One-way Audio
Pan/Tilt/Zoom	ePTZ
Zoom Ratio	-
PoE	IEEE 802.3af (Class 2)
Wireless Interface	-
Waterproof	IP68
Vandalproof	IK10
IPv6	●
ONVIF	●
WDR	●
PIR	-
DI/DO	-
Intelligent Video	Motion/Sound
On-board Storage	mSDHC/SDXC card slot
Operating Temperature	-20°C~50°C
Extended Software	CV7-LP, CV7-VA

Perfect 360°/180° panoramic views with no blind spots

5 Mega-pixel Outdoor IR PoE Fisheye IP Camera with Extended Support
▶ ICA-E8550

360°/180° View

EN50155 Ready

Powerful IR

IP68