










Bullet Series

	Economy		Professional		
	OB-100Ae	WOB-100Ae	OB-100Ap	WOB-100Ap	GOB-100Ap
					
Image sensor					
Sensor Size/Res	1/4" 1M CMOS	1/4" 1M CMOS	1/4" 1M CMOS	1/4" 1M CMOS	1/4" 1M CMOS
Shutter Speed	1/24500 s ~ 1/5 s	1/24500 s ~ 1/5 s	1/24500 s ~ 1/5 s	1/24500 s ~ 1/5 s	1/24500 s ~ 1/5 s
Max. Resolution	1280x800/HDTV	1280x800/HDTV	1280x800/HDTV	1280x800/HDTV	1280x800/HDTV
Lens	Included	Included	Included	Included	Included
Lens Mount	Board Lens	Board Lens	Board Lens	Board Lens	Board Lens
Focal Length	f=3.3~12mm	f=3.3~12mm	f=3.3~12mm	f=3.3~12mm	f=3.3~12mm
F value	F1.6	F1.6	F1.4	F1.4	F1.4
View Angle   Horizontal	63.6°~17.9°	63.6°~17.9°	63.6°~17.9°	63.6°~17.9°	63.6°~17.9°
Auto Iris Support	Yes	Yes	Yes	Yes	Yes
Day & Night					
Mechanical ICR	V	V	V	V	V
Infrared LED   Amount	24 PCS	24 PCS	24 PCS	24 PCS	24 PCS
Infrared LED   Distance	15m	15m	15m	15m	15m
PIR/White LED	-	-	-	-	-
Video Compression/Frame Rate					
H.264 (fps@max. res.)	V(15 fps)	V(15 fps)	V(30 fps)	V(30 fps)	V(30 fps)
MPEG-4 (fps@max. res.)	V(15 fps)	V(15 fps)	V(15 fps)	V(15 fps)	V(15 fps)
Motion JPEG (fps@max. res.)	V(30 fps)	V(30 fps)	V(30 fps)	V(30 fps)	V(30 fps)
Audio					
Audio Steaming	2 way	2 way	2 way	2 way	2 way
Environment	Outdoor (IP67)	Outdoor (IP67)	Outdoor (IP67)	Outdoor (IP67)	Outdoor (IP67)
Vandal-Proof	-	-	-	-	-
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Built-in Fan & Heater	-	-	V	V	V
General					
Analog Video Out	-	-	-	-	-
Terminal Block	DI/DO, RS-485	DI/DO, RS-485	DI/DO, RS-485	DI/DO, RS-485	DI/DO, RS-485
Wireless	-	802.11 a/b/g/n Dual Band	-	802.11 a/b/g/n Dual Band	UMTS/HSUPA 850/1900/2100
Hardware WPS Button	-	-	-	-	-
Local storage	-	-	Micro SD/SDHC Slot Max.32G	Micro SD/SDHC Slot Max.32G	Micro SD/SDHC Slot Max.32G
Power Input	DC 12V 1A/AC24V 802.3af PoE	DC 12V 1A/AC24V 802.3af PoE	DC 48V High Power PoE	DC 48V High Power PoE	DC 48V High Power PoE
Others			Smart focus support	Smart focus support	Smart focus support

Vandal Dome Series

	Economy	Professional	Professional
	VD-100Ae	VD-100Ap	VD-130Ap
			
Image sensor			
Sensor Size/Res	1/4" 1M CMOS	1/4" 1M CMOS	1/3" 1.3M CMOS
Shutter Speed	1/24500 s ~ 1/5 s	1/24500 s ~ 1/5 s	1/18000 s ~ 1/4 s
Max. Resolution	1280X800/HDTV	1280x800/HDTV	1280x1024/HDTV
Lens	Included	Included	Included
Lens Mount	Board Lens	Board Lens	Board Lens
Focal Length	f=3.3-12mm	f=3.3-12mm	f=3.3-12mm
F value	F1.6	F1.6	F1.6
View Angle   Horizontal	63.6°-17.9°	63.6°-17.9°	89.8°-23.9°
Auto Iris Support	Yes	Yes	Yes
Day & Night			
Mechanical ICR	V	V	V
Infrared LED   Amount	12 PCS	12 PCS	12 PCS
Infrared LED   Distance	15m	15m	15m
PIR/White LED	-	-	-
Video Compression/Frame Rate			
H.264 (fps@max. res.)	V(15 fps)	V(30 fps)	V(20 fps)
MPEG-4 (fps@max. res.)	V(15 fps)	V(15 fps)	V(20 fps)
Motion JPEG (fps@max. res.)	V(30 fps)	V(30 fps)	V(20 fps)
Audio			
Audio Steaming	2 way	2 way	2 way
Environment	Outdoor (IP67)	Outdoor (IP67)	Outdoor (IP67)
Vandal-Proof	V	V	V
Operating Temperature	-20°C ~ 50°C (-4°F ~122°F)	-40°C ~ 60°C (-40°F ~140°F)	-40°C ~ 60°C (-40°F ~140°F)
Built-in Fan & Heater	-	V	V
General			
Analog Video Out	-	-	-
Terminal Block	DI/DO	DI/DO	DI/DO
Wireless	-	-	-
Hardware WPS Button	-	-	-
Local storage	-	SD/SDHC Slot Max.32G	SD/SDHC Slot Max.32G
Power Input	DC 48V 802.3af PoE	DC 48V High Power PoE	DC 48V High Power PoE
Others			
	3 axis design IK10	3 axis design IK10	3 axis design IK10

Speed Dome	
Professional	
	OSD-040D/E 36xp 
Image sensor	Sony Super HAD II CCD& Effio DSP
Scanning System	OSD-040D 36xp - NTSC OSD-040E 36xp - PAL
Sensor Size/Res	1/4" D1 CCD
Shutter Speed	NTSC:1/60~1/10000 / PAL:1/50~1/10000
Max. Resolution	NTSC: 720x480 / PAL: 720x576
Lens	Included
Lens Mount	Board Lens
Focal Length	3.4~122.4 mm
F value	F1.6 ~ F4.5
Optical Zoom	36x
View Angle   Horizontal	2.0°~61.2°
Auto Iris Support	Yes
Day & Night	
Mechanical ICR	V
Infrared LED   Amount	-
Infrared LED   Distance	-
Video Compression/Frame Rate	
H.264 (fps@max. res.)	V(NTSC:30 fps / PAL: 25 fps)
MPEG-4(fps@max. res.)	V(NTSC:30 fps / PAL: 25 fps)
Motion JPEG(fps@max. res.)	V(NTSC:30 fps / PAL: 25 fps)
Audio	
Audio Streaming	2 way
Environment	Outdoor (IP66)
Vandal-Proof	-
Operating Temperature	-45°C ~+50°C (-49°F ~122°F)
Built-in Fan & Heater	V
Pan/ Tilt	
Pan Range	Endless 360°
Pan Speed	0.5°~400°/s
Tilt Range	200°(-10°~190°)
Tilt Speed	0.5°~400°/s
General	
Analog Video Out	V
Terminal Block	DI/DO
Local storage	-
Power Input	AC 24V
Certification	FCC/CE
Others	
	Regional privacy mask: 16