

Reference	VP90Z-HD	VP90Z	VP45A (/X)	VP28X	VPF28	VP45A_NF
Diameter (mm)	90	90	45	28	28	45
Length (mm)	260	241	141	147	65 (200mm with flexible)	145
Weight (kg)	2.2	2.2	0,45 (/0,9)	0.41	0.19	0.45
Material	Aluminium alloys anodize	Aluminium alloys anodize	Aluminium alloys anodize (/stainless steel)	Stainless steel 304L	Stainless steel 304L	Aluminium alloys anodize
Sensor	CMOS 1/3" HD ; 1080P	CMOS 1/3" HD ; 1080P	CMOS 1/4" ; 0,025 Lux ; 480LTV shutter ; Auto/manuel	CMOS 1/4" ; 0,025 Lux ; 480LTV ; shutter Auto/manuel	CMOS 1/4" ; 0,025 Lux ; 480LTV ; shutter Auto/manuel	CMOS 1/4" ; 0,025 Lux ; 480LTV ; shutter Auto/manuel
Resolution	4Mpx	4Mpx	640x480	640x480	640x480	640x480
Video format	HD-SDI	PAL	PAL	PAL	PAL	PAL
Focal (mm)	3,3-33mm	3,3-33mm	2.6	4.7	2.6	2.45
Field of view	58° à 7°	58° à 7°	80°	50°	80°	80°
Focus range	10mm to infinity / autofocus	10mm to infinity / autofocus	5 mm to l'infinity / Remotely adjustable	14 mm to l'infinity / Remotely adjustable	5 mm to infinity / Remotely adjustable	50mm to infinity / fixe
Lighting	4 LEDs	4 LEDs	24 LEDs	12 LEDs	15 LEDs	12 LEDs
Light power	4250 Lux@300mm	4250 Lux@300mm	3760 Lux @70mm	5120 Lux@70mm	5340 Lux @80mm	4110 Lux@120mm
Pan and tilt	Pan : 360° infinitely à +90°      Tilt : -90°	Pan : 360° infinitely à +90°      Tilt : -90° à +90°	Pan : 360° infinitely à -110° à +110°      Tilt :	Pan : 360° infinitely à -90° à +90°      Tilt	no	Pan : 360° infinitely à +110°      Tilt : -110° à +110°
Shield window	sapphire	sapphire	sapphire	sapphire	sapphire	sapphire
Waterproof	5 bars	5 bars	2 bars	Projections	2 bars	2 bars
Operating temperature	-5 to +60 °C	-5 to +60 °C	-30 to +65 °C	-30 to +65 °C	-30 to +65 °C	-30 to +65 °C