

	Module	Module	Module	Module
Feature	PM-50	PM-30	PM-25	PM-20
Pixel Array (WxH):	4656×3520 active (visible)	4250 x 2838 active (visible)	3388x2712 active (visible)	3326x2504 active (visible)
Signal To Noise	70 DB	70 DB	70 DB	70 db
Shutter	exposure, 0.03 s to 240 min	exposure, 0.03 s to 240 min	exposure, 0.03 s to 240 min	Mechanical exposure, 0.03 s to 240 min
Digital Resolution	16 bits, Max 65536	16 bits, Max 65536	16 bits, Max 65536	16 bits, Max 65536
Brightness Accuracy	CIE (Y) +/- 3%	CIE (Y) +/- 3%	CIE (Y) +/- 3%	CIE (Y) +/- 3%
Color Accuracy	CIE (x, y) +/- 0.003	CIE (x, y) +/- 0.003	CIE (x, y) +/- 0.003	CIE (x, y) +/- 0.003
Repeat Brightness Accuracy	CIE (Y) +/- 0.5%	CIE (Y) +/- 0.5%	CIE (Y) +/- 0.5%	CIE (Y) +/- 0.5%
Repeat Color Accuracy	CIE (x, y) +/- 0.0006	CIE (x, y) +/- 0.0006	CIE (x, y) +/- 0.0006	CIE (x, y) +/- 0.0006
Spatial Uniformity	<2%	<2%	<2%	<2%
Computer Connectivity	USB 3.0 (USB 2.0 compatible)	USB 2.0 (USB 1.1 compatible)	USB 2.0 (USB 1.1 compatible)	USB 2.0 (USB 1.1 compatible)
View Speed	0.2 second	2 second	2 second	<12 seconds (host computer dependent)
Full Image Download	<2 seconds (host computer dependent)	<2 seconds (host computer dependent)	<2 seconds (host computer dependent)	<12 seconds (host computer dependent)
Beightness Calibration time for 1920x1080	10 minutes	10 minutes	10 minutes	80 minutes
Color Calibration time for 1920x1080	30 minutes	30 minutes	30 minutes	240 minutes
Thermoelectric CCD Cooling	Temperature regulation +/- 0.1°C, @ 0°C to -40°C CCD temperature	Temperature regulation +/- 0.1°C, @ 0°C to -40°C CCD temperature	Temperature regulation +/- 0.1°C, @ 0°C to -40°C CCD temperature	Temperature regulation +/- 0.1°C, @ 0°C to -40°C CCD temperature
Status and Notification	Multi-color LED status indicator and audible beeper. Over-temperature and high/low voltage alarms.	Multi-color LED status indicator and audible beeper. Over-temperature and high/low voltage alarms.	Multi-color LED status indicator and audible beeper. Over-temperature and high/low voltage alarms.	Multi-color LED status indicator and audible beeper. Over-temperature and high/low voltage alarms.
Lens Adaptor	Canon EF	Nikon F	Nikon F	Nikon F
Auto focus	Yes	No	No	No
Dimensions	W4.45" x H4.45" x D2.50"	W4.45" x H4.45" x D2.50"	W4.45" x H4.45" x D2.50"	W4.45" x H4.45" x D2.50"
Weight, without Lens	40 oz. / 1120g	40 oz. / 1120g	40 oz. / 1120g	40 oz. / 1120g
Power Consumption	12v, 1.7A (20.4 watts) at max	12v, 1.7A (20.4 watts) at max	12v, 1.7A (20.4 watts) at max	12v, 1.7A (20.4 watts) at max
	(25 AC watts 90-240V AC power supply)	(25 AC watts 90-240V AC power supply)	(25 AC watts 90-240V AC power supply)	(25 AC watts 90-240V AC power supply)
Operating Environment	Temperature: -20°C to 30°C, Humidity: 10% to 90% non-condensing	Temperature: -20°C to 30°C, Humidity: 10% to 90% non-condensing	Temperature: -20°C to 30°C, Humidity: 10% to 90% non-condensing	Temperature: -20°C to 30°C, Humidity: 10% to 90% non-condensing