Discovers	Discoverii Day/Night Laser Illumination Product Portfolio Technical Specifications					
Discovenii	Discoverii 1000		Discoverii 2000		Discoverii 3000	
Optics Performance	Day	Night	Day	Night	Day	Night
Human Detection:	3000 meters	1500 meters	6000 meters	2000 meters	10,000 meters	3000 meters
Human Recognition:	750 meters	750 meters	1250 meters	1250 meters	2500 meters	2500 meters
Human Identification:	180 meters	180 meters	400 meters	400 meters	1000 meters	1000 meters
Range of 1.8 meter human	0.40 1	0.40	1265 meters	1265 meters	5158 meters	3000+ meters
filling 10% of video screen	940 meters	940 meters	2530 meters**	2530 meters**	10,315 meters**	3000+ meters**
Range of 1.8 meter human	625 meters	625 meters	843 meters	843 meters	3438 meters	3000+ meters
filling 15% of video screen	625 meters	023 meters	1687 meters**	1687 meters**	6877 meters**	3000+ meters**
Range of 1.8 meter human	469 meters	469 meters	633 meters	633 meters	2579 meters	2579 meters
filling 20% of video screen	409 meters	409 meters	1265 meters**	1265 meters**	5158 meters**	3000+ meters**
Range of 1.8 meter human	314 meters	314 meters	421 meters	421 meters	1720 meters	1720 meters
filling 30% of video screen	314 motors	314 motors	843 meters**	843 meters**	3440 meters**	3000+ meters**
Camera and Lens	Day	Night	Day	Night	Day	Night
Imager	1/4" CCD	1/4" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD
Number of effective pixels	,	,	768 x 496 (NTSC)	` '	768 x 496 (NTSC)	582 x 752 (EIA)
rediffice of checkive pixels	752 x 582 (PAL)	752 x 582 (PAL)	752 x 582 (PAL)	492 x 768 (CCIR)	752 x 582 (PAL)	492 x 768 (CCIR)
S/N ratio	50 dB	50 dB	50 dB	48 dB	50 dB	48 dB
Horizontal Resolution,	480 TVL lines	480 TV lines	450 TV lines	570 TV lines	450 TV lines	570 TV lines
TV lines						
Video Output	1.0Vp-p, 75ohm	1.0Vp-p, 75ohm	1.0Vp-p, 75ohm	1.0Vp-p, 75ohm	1.0Vp-p, 75ohm	1.0Vp-p, 75ohm
Imager Horizontal	55° (Wide) to	6° (Wide) to	11.8° (Wide) to	6° (Wide) to	21° (Wide) to	4° (Wide) to
Angle of view	2.2° (Narrow)	.6° (Narrow)	0.54° (Narrow)**	.6° (Narrow)	0.18° (Narrow)**	0.4° (Narrow)**
	26x	26x	22x	22x	60x	60x
Continuous optical zoom	3.5 mm - 91 mm	3.5 mm - 91 mm	11.5mm - 253mm 23 mm - 506	11.5mm - 253mm 23 mm - 506	12.5mm – 750mm	12.5mm – 750mm
					25mm – 1500mm**	25mm – 1500mm**
Iris Range	F1.6 to F3.8	F1.6 to F3.8	F1.6 to F2000 OR F3.2 to F4000**	F1.6 to F2000 OR F3.2 to F4000**	F3.8 to F3000 OR F7.6 to F6000**	F3.8 to F3000 OR F7.6 to F6000**
Pan-Tilt		L			17.0 to 1 0000	17.0 to 1 0000
Fall-IIIL	All Models Discoverii 1000: up to 25 lbs, Discoverii 2000/3000: up to 70 pounds					
	Discoverii 1000: u	n to 25 lhs. Discove				
Payload Capacity			rii 2000/3000: up to			
Payload Capacity Pan speed	.0064 degrees per	second to 100 deg	rii 2000/3000: up to			
Payload Capacity Pan speed Positioning precision	.0064 degrees per .0064 degrees with	second to 100 deg	rii 2000/3000: up to			
Payload Capacity Pan speed Positioning precision Max tilt speed	.0064 degrees per .0064 degrees with 50 degrees per se	second to 100 deg n microstep cound	rii 2000/3000: up to rees per second			
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with l	second to 100 deg n microstep cound nard stops / + or - 1	rii 2000/3000: up to rees per second 75 degrees	70 pounds		
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90	n microstep cound nard stops / + or - 1 degrees from upri	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra	70 pounds		
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty of	n microstep cound nard stops / + or - 1 degrees from upri	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles	70 pounds		
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty of	n microstep cound nard stops / + or - 1 degrees from upri	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s	70 pounds		
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty of On-the-fly speed a	second to 100 deg n microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s	70 pounds	W x 27.5" D	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty of On-the-fly speed a	n microstep cound nard stops / + or - 1 degrees from upri cycle, or 3-5 million and position change	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s	70 pounds nge) Models	W x 27.5" D	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty of On-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V	r second to 100 deg in microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All	70 pounds nge) Models //3000: 18" H x 36" \	N x 27.5" D	or all models
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty of On-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2	n microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove	70 pounds mge) Models 1/3000: 18" H x 36" \ erii 3000: 41 lbs., Ele		
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 1-18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up 1	n microstep cound nard stops / + or - 1 D degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters)	70 pounds nge) Models //3000: 18" H x 36" \ erii 3000: 41 lbs., Ele jainst low pressure j	ectronics Unit: 35 lbs. f ets if water from all dir	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 1-18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up 1	n microstep cound nard stops / + or - 1 D degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters)	70 pounds mge) Models 1/3000: 18" H x 36" \ erii 3000: 41 lbs., Ele	ectronics Unit: 35 lbs. f ets if water from all dir	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 1-18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up 1	n microstep cound nard stops / + or - 1 D degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten	70 pounds nge) Models //3000: 18" H x 36" \ erii 3000: 41 lbs., Ele jainst low pressure j	ectronics Unit: 35 lbs. f ets if water from all dir	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 1-18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up 1	n microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 crotected against du to 410W (50W with 0° C; Night: -20° C t	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten	mge) Models 1/3000: 18" H x 36" \ 1/31000: 41 lbs., Ele 1/3101: ainst low pressure j	ectronics Unit: 35 lbs. f ets if water from all dir	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications	.0064 degrees per .0064 degrees with I 50 degrees per se 350 degrees with I -30 degrees to +90 Up to 100% duty c On-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up t Day: -20° C to +50 Analog video or IP	n microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 crotected against du to 410W (50W with 0° C; Night: -20° C t	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten	mge) Models 1/3000: 18" H x 36" \ 1/31000: 41 lbs., Ele 1/3101: ainst low pressure j	ectronics Unit: 35 lbs. f ets if water from all dir	
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection	.0064 degrees per .0064 degrees with I .0064 degrees with I .30 degrees with I .30 degrees to +90 Up to 100% duty c .00-the-fly speed a	second to 100 degration in microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 protected against du to 410W (50W with 10° C; Night: -20° C to 20 video eror Ethernet (via A	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s All " D, Discoverii 2000 00: 35 lbs., Discoverist, 5 = Protected ag extended heaters) o +40° C (see extended servers)	mge) Models /3000: 18" H x 36" \ erii 3000: 41 lbs., Ele painst low pressure j ded temperature op Models	ectronics Unit: 35 lbs. f ets if water from all dir	ections)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection	.0064 degrees per .0064 degrees with I .0064 degrees with I .30 degrees with I .30 degrees to +90 Up to 100% duty c .00-the-fly speed a	second to 100 degration in microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 protected against du to 410W (50W with 10° C; Night: -20° C to 20 video eror Ethernet (via A	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten	mge) Models /3000: 18" H x 36" \ erii 3000: 41 lbs., Ele painst low pressure j ded temperature op Models	ectronics Unit: 35 lbs. f ets if water from all dir stions below)	ections)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe	.0064 degrees per .0064 degrees with 150 degrees per se 350 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 1.18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up 1 Day: -20° C to +50 Analog video or IP RS422 serial cable Pelco-D, ICD-100, Washer pump and	second to 100 degramicrostep cound hard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 protected against du to 410W (50W with 10° C; Night: -20° C to 20 video e or Ethernet (via Alor SDK available to 10 Wiper kit for head	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see extended second s	mge) Models //3000: 18" H x 36" \ irii 3000: 41 lbs., Ele jainst low pressure j ided temperature op Models the Vumii applicatio Models	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature	.0064 degrees per .0064 degrees with 50 degrees per se 350 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up 10 Day: -20° C to +50 Analog video or IP RS422 serial cable Pelco-D, ICD-100, Washer pump and Extended double h	r second to 100 degrammicrostep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against duto 410W (50W with 10° C; Night: -20° C to 10° C to 20° C to 20° C to 30° C to 30	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see extended second s	mge) Models //3000: 18" H x 36" \ wrii 3000: 41 lbs., Ele painst low pressure j models the Vumii application Models to -30° C as well as	ectronics Unit: 35 lbs. f ets if water from all dir stions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning	.0064 degrees per .0064 degrees with I .0064 degrees with I .30 degrees to +90 Up to 100% duty of Con-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up to 15/230 VA	n microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with 0" C; Night: -20° C t 0 video e or Ethernet (via A or SDK available to 1 Wiper kit for head neaters for extreme ule for pan-tilt mech	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove est, 5 = Protected ag extended heaters) o +40° C (see extended to the control servers) o connect directly to the control servers or connect directly to the contro	mge) Models //3000: 18" H x 36" \ wrii 3000: 41 lbs., Ele painst low pressure j models the Vumii application Models to -30° C as well as	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning Stabilization	.0064 degrees per .0064 degrees with I .0064 degrees with I .30 degrees to +90 Up to 100% duty of Con-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up to 15/230 VA	n microstep cound nard stops / + or - 1 0 degrees from upri cycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with 0" C; Night: -20" C t 0 video e or Ethernet (via A or SDK available to 1 Wiper kit for head neaters for extreme the module for video s	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see extended rectly to the connect directly to	mge) Models 73000: 18" H x 36" V rii 3000: 41 lbs., Ele painst low pressure j ded temperature op Models the Vumii application Models to -30° C as well as resoftware option)	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning Stabilization Thermal	.0064 degrees per .0064 degrees with I .50 degrees per se 350 degrees with I .30 degrees to +90 Up to 100% duty of Con-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up to 15/230 VAC	rescond to 100 degrees microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 protected against du to 410W (50W with 0° C; Night: -20° C to 20 protected against du to 410W (50W with 10° C; Night: -20° C to 20° C	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten All xis control servers) o connect directly to All unit enclosures cold environments is anism (hardware or stabilization I wide-view channel	mge) Models //3000: 18" H x 36" \ //3000: 41 lbs., Ele //ainst low pressure j //ded temperature op Models the Vumii application Models to -30° C as well as software option)	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning Stabilization Thermal Radar	.0064 degrees per .0064 degrees with I .0064 degrees with I .30 degrees to +90 Up to 100% duty of On-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up to 15/230 VAC	resecond to 100 degrees microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 protected against du to 410W (50W with 0° C; Night: -20° C to 20 protected against du to 410W (50W with 10° C; Night: -20° C to 20° C	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten All xis control servers) o connect directly to All unit enclosures cold environments of tanism (hardware or stabilization Il wide-view channel veral compatible rad	mge) Models //3000: 18" H x 36" \ //3000: 41 lbs., Ele //ainst low pressure j //ded temperature op Models the Vumii application Models to -30° C as well as software option)	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning Stabilization Thermal Radar Head Unit Housing	.0064 degrees per .0064 degrees with 150 degrees with 1-30 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 118.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up to 15/230 VAC, up to 15/23	rescond to 100 degree microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 protected against du to 410W (50W with 0° C; Night: -20° C to 1° video e or Ethernet (via Allor or SDK available to 1° Wiper kit for head meaters for extreme ule for pan-tilt meche module for video sed or cooled thermator integrating to sevesteel head unit hou	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see extended second connect directly to the con	mge) Models //3000: 18" H x 36" \ //3000: 41 lbs., Ele //ainst low pressure j //ded temperature op Models the Vumii application Models to -30° C as well as software option)	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning Stabilization Thermal Radar Head Unit Housing Explosion proof	.0064 degrees per .0064 degrees with I .0064 degrees with I .30 degrees with I .30 degrees to +90 Up to 100% duty of On-the-fly speed a Discoverii 1000: 1 18.92" H x 22.4" V Discoverii 1000: 2 IP65 (6 = Totally p 115/230 VAC, up to Day: -20° C to +50 Analog video or IP RS422 serial cable Pelco-D, ICD-100, Washer pump and Extended double Personal Company of the company	recond to 100 degree microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with 0° C; Night: -20° C to 1° video e or Ethernet (via Allor or SDK available to 1° Wiper kit for head neaters for extreme ule for pan-tilt meche module for video sed or cooled thermator integrating to several steel head unit hou explosion Proof Hou	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees racycles s All " D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see extended heaters) o connect directly to all unit enclosures cold environments of the cold environments of the cold environments of the cold environment of the cold	mge) Models //3000: 18" H x 36" \ //3000: 41 lbs., Ele //ainst low pressure j //ded temperature op Models the Vumii application Models to -30° C as well as software option)	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)
Payload Capacity Pan speed Positioning precision Max tilt speed Pan Limits Tilt Range Duty Cycle Speed Variability Packaging & Environmental Head Unit Dimensions Electronics Unit Dimensions Weight Environmental Rating Power Requirements Operating Temperatures Communications Video Connection Control Connection Control Protocols Additional Options Wash/Wipe Extended Temperature Global positioning Stabilization Thermal Radar Head Unit Housing	.0064 degrees per .0064 degrees with 150 degrees to +90 Up to 100% duty con-the-fly speed a Discoverii 1000: 2 IP65 (6 = Totally post 115/230 VAC, up to 15/230	recond to 100 degree microstep cound mard stops / + or - 10 degrees from upricycle, or 3-5 million and position change 4" H x 27.5" W x 24 V x 10.2" D 7 lbs., Discoverii 20 rotected against du to 410W (50W with 0° C; Night: -20° C to 10° Video e or Ethernet (via Allor or SDK available to 10° Video e or Ethernet (via Allor or SDK available to 10° Video e or Ethernet (via Allor or SDK available to 10° Video e or Ethernet (via Allor or SDK available to 10° Video e or Ethernet (via Allor or SDK available to 10° Video e or cooled thermator integrating to several or integrating to several or integrating to several light or sound and light or sound and light or sound and stops	rii 2000/3000: up to rees per second 75 degrees ght (120 degrees ra cycles s ** D, Discoverii 2000 00: 35 lbs., Discove st, 5 = Protected ag extended heaters) o +40° C (see exten All xis control servers) o connect directly to All unit enclosures cold environments to the cold environments of the cold environments of the cold environment of the cold environme	mge) Models //3000: 18" H x 36" \ //3000: 41 lbs., Election in the Vumil application in the V	ectronics Unit: 35 lbs. f ets if water from all dir otions below)	ections) ace (API)