LIMPID
INFINITE EYES

ADVANCE SECURITY SYSTEM
PRODUCT GUIDE

LimpidWorldUK | www.limpidworld.com

EXPERT SERVICES **WHEREVER** NEEDED

LIMPID PROVIDES TRUSTED SECURITY SOLUTIONS TO THE GLOBAL MARKET IN EACH INDUSTRY.

INFINITE EYES

www.limpidworld.com

ABOUT US

Limpid World (UK) Ltd. is a global leading security and surveillance solutions providing company with head office located in the Central London UK. Limpid World aims to make the world safer by providing innovative and reliable end-to-end security and surveillance products that help businesses, people and facilities focus on productivity and operations.

With factories in Taiwan and China, Limpid World offers intelligent and bespoke security and surveillance solutions. The products and solutions include, but not limited to, hybrid and state-of-the-art CCTV & Access Control System, Multidoor & Lift Controllers, Visitor Management, Demography and People Counting.

Limpid MENA is operating out of Bahrain. It provides on-going technical and design support with local stock availability for prompt shipping throughout the Middle East and North Africa (MENA).

Infinite Eyes represents Limpid's vision of making everyday life easier and bring security to individual people and societies around the world. The limpid team takes pride in empowering the people, organizations, and businesses around the world with its expanded international network of business partners, suppliers and research facilities. Today, Limpid is instilling its mantra of "Infinite Eyes" to the world with its enhanced manufacturing capabilities, cutting-edge research, and smart security solutions.

INDUSTRIAL SOLUTIONS

Limpid World offers intelligent and bespoke security and surveillance solutions. Our solutions cater to the need of every business, ranging from leading organizations, business centers, SMEs, startups, government offices etc to provide a secure and safe environment for everyone working there. Limpid smart solutions are empowering businesses for their security, attendance management, people movement, and demographics.

LIMPID SURVEILLANCE SOLUTIONS

An efficient surveillance solution provides you with means of minimizing incidents or shoplifting, generating customer satisfaction, and increasing your productivity in the long run.

LIMPID EXPLOSION PROOF CAMERAS

Our products in this line deliver the sweeping overviews and superb zoomed-in detail you expect from a top-of-the-line explosion-proof camera.

LIMPID ACCESS CONTROL SOLUTIONS

Limpid Access Control (LAC) is a suite that offers state-of-the-art access control software that integrates the most advanced security technologies with innovative networking capabilities.

LIMPID LIFT AND MULTI-DOOR CONTROLLERS

Limpid lift and floor control solutions offer seamless control and monitoring of access between elevator and floors. It's a fully integrated solution package that sends real-time logs data.

REMOTE ACCESS SOLUTIONS **ANYWHERE ANYTIME**

SET-UP YOUR MONITORING **ENVIRONMENTS EASILY.**

LIMPID PEOPLE COUNTING SOLUTION

With high identification and tracking technology combined 3D sensor, people counting system develops high accuracy up to 98%.

LIMPID DEMOGRAPHIC SOLUTION

If you want to analyze real-time customers with their age and gender, this solution will provide the accurate result in counting the number of customers in the respective zone.

LIMPID FLASHLIGHT

Limpid Flashlight is perfect for security guard patrol, outdoor adventure, law enforcement, military, industrial maintenance, and surveillance.

AHD CAMERA MODELS

Se SIGNATURE Series

	LW-SH-B72L2	LW-SH-B108L2	LW-SH-B152L2	LW-SH-D72L2	LW-SH-D108L2	LW-SH-D152L2	LW-SH-B108VL4	LW-SH-D108VL4
	BULLET FIXED LENS			DOME FIXED LENS			BULLET VARIFOCAL LENS	DOME VARIFOCAL LENS
Image Sensor	1/4" CMOS Sensor 2.0 Megapixel	1/2.7" CMOS Sony(Exmor) 4.0 Megapixel	1/3.2" CMOS, 4.0 Megapixel	1/4" CMOS Sensor 1.0 Megapixel	1/2.7" CMOS Sony (Exmor) 2.0 Megapixel	1/3.2" CMOS, 4.0 Megapixel	1/2.7" CMOS Sony (Exmor) 2.0 Megapixel	1/2.9" CMOS, 2.0 Megapixel
Resolution	1280(H) x 720(V)	1920(H) x 1080(V)	2592(H) x 1520(V)	1280(H) x 720(V)	1920(H) x 1080(V)	2592(H) x 1520(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
Lens	2.8 mm/F2.0 Fixed Lens	3.6 mm/F2.0 Fixed	3.6 mm Fixed lens	2.8 mm/F2.0 Fixed Lens	3.6 mm/F2.0 Fixed Lens	3.6mm Fixed lens	2.8mm~12mm VariFocal	2.8mm~12mm VariFocal
DWDR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IR Range	20 Meters	20 Meters	20 Meters	20 Meters	20 Meters	20 Meters	40 Meters	40 Meters
AGC	1-15 Optional	1-15 Optional	1-15 Optional	1-15 Optional	1-15 Optional	1-15 Optional	1-15 Optional	1-15 Optional
IR Cut Filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Environment	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified IK10 Certified (Vandal Proof)
Sense-Up	——	Yes	Yes	——	Yes	Yes	Yes	Yes
Mobile App	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid

IP CAMERA MODELS

Se SIGNATURE Series

	LW-SN-B108L3-E	LW-SN-B152L3-E	LW-SN-D108L3-E	LW-SN-D152L3	LW-SN-AFB152L4-E	LW-SN-B5ML5	LW-SN-B8ML5
	BULLET FIXED LENS		DOME FIXED LENS		BULLET MOTORIZED LENS		
Image Sensor	1/2.7" Progressive CMOS	1/3" Progressive CMOS	1/2.7" Progressive CMOS	1/3" Progressive CMOS	1/3" Progressive CMOS	1/2.9"(3.4") Progressive CMOS	1/2.5" Progressive CMOS
Resolution	2MP 1920(H)×1080(V)	4MP 2592(H)×1520(V)	2MP 1920(H)×1080(V)	4MP 2592(H)×1520(V)	4MP 2592(H)×1520(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Lens	3.6 mm Fixed Lens	3.6 mm Fixed Lens	3.6 mm Fixed Lens	3.6 mm Fixed Lens	2.8 ~ 12mm (Motorized)	2.8 - 12mm (Motorized)	3.3 - 12mm (Motorized
IR Range	30 Meters	30 Meters	30 Meters	30 Meters	40m	50m	50m
DWDR/WDR	DWDR	WDR	DWDR	WDR	WDR	DWDR	DWDR
Streaming	Dual	Triple	Dual	Triple	Triple	Triple	Triple
Video Contents	BLC, Privacy Mask	Video Analytics, BLC, ROI, Privacy Mask	BLC, Privacy Mask	Video Analytics, BLC , ROI, Privacy Mask	Video Analytics, BLC, ROI, Privacy Mask	Video Analytics, BLC, ROI, Privacy Mask	Video Analytics, BLC, ROI, Privacy Mask
Environment	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified
POE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Compatibility	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF
SD Storage	——	——	——	——	Yes	Yes	Yes
Audio/Alarm	——	——	——	——	Yes	Yes	Yes
Mobile App	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid

LIMPID EXPLOSION PROOF CAMERAS

Sweeping overviews and superb zoomed-in detail you expect from a top-of-the-line explosion-proof camera.

LIMPID FLASHLIGHT

Portable, Weatherproof, Self-contained Rapid Deployment torch camera.

IP CAMERA MODELS	LW-SN-D152ML4	LW-SN-D5ML5	LW-SN-D8ML5
Se SIGNATURE Series	DOME MOTORIZED LENS		
Image Sensor	1/3" Progressive CMOS	1/2.9"(3.4") Progressive CMOS	1/2.5" Progressive CMOS
Resolution	4MP 2592(H)×1520(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Lens	2.8 ~ 12mm (Motorized)	2.8 - 12mm (Motorized)	3.3 - 12mm (Motorized)
IR Range	40 Meters	50 Meters	50 Meters
DWDR/WDR	WDR	DWDR	DWDR
Streaming	Triple	Triple	Triple
Video Contents	Video Analytics, BLC, ROI, Privacy Mask	Video Analytics, BLC, ROI, Privacy Mask	Video Analytics, BLC, ROI, Privacy Mask
Environment	IP66 Certified	IP66 Certified	IP66 Certified
POE	Yes	Yes	Yes
System Compatibility	ONVIF	ONVIF	ONVIF
SD Storage	Yes	Yes	Yes
Audio/Alarm	Yes	Yes	Yes
Mobile App	Limpid	Limpid	Limpid

LIMPID ACCESS CONTROL SOLUTIONS

Far from being one-size-fits-all, access control solutions are tailored to the security needs of each type of organization.

➔ Product Casing And Specifications Are Subject To Change Without Prior Notice

DVR

SIGNATURE Series

	LW-DR-04R1N	LW-DR-08R1N	LW-DR-16R1N	LW-DR-16R2P	LW-DR-32R2P
	1080N			1080P	
Video Compression / Video System	H.264/NTSC/PAL	H.264/NTSC/PAL	H.264/NTSC/PAL	H.264/NTSC/PAL	H.264/NTSC/PAL
Analog Video-Input/Output	4CH Inputs / VGA and HDMI Output	8CH Inputs / VGA and HDMI Output	16CH Inputs / VGA and HDMI Output	16CH Inputs / VGA and HDMI Output	32CH inputs / VGA and HDMI output
IP Video Input	2CH, (Only IP Up to 6ch)	4CH, (Only IP Up to 12ch)	8CH, (Only IP Up to 24CH)	8CH, (Only IP Up to 24CH)	8CH
Audio Input / Output	4CH Inputs /1CH Output(RCA)	4CH Inputs /1CH Output(RCA)	4CH Inputs /1CH Output(RCA)	16CH Inputs /1CH Output(RCA)	4CH Inputs /1CH Output(RCA)
Maximum Output Bandwidth	16Mbps	16Mbps	32Mbp	64Mbps	128Mbps
HDD Interface	1SATA HDD, Up to 6TB	1SATA HDD, Up to 6TB	1SATA HDD, Up to 6TB	2 SATA HDDs, Up to 12TB	2 SATA HDDs, Up to 12TB
IP Recording Bandwidth (Maximum input Bandwidth)	8Mbps ~24Mbps(Default is 8Mbps, Decrease One Analog Channel Can Increase 4Mbps)	12Mbps ~36Mbps(default is 12Mbps, Decrease One Analog Channel Can Increase 4Mbps)	24Mbps ~72Mbps(default is 24Mbps, Decrease One Analog Channel Can Increase 4Mbps)	32Mbps~96Mbps (default is 32Mbps, Decrease One Analog Channel Can Increase 4Mbps)	32Mbps
Display — Resolution	**Analog:** 1080N/720P/960H **IP:**1080P/720P	**Analog:**1080N/720P/960H **IP:** 1080P/720P	**Analog:**1080N/720P/960H **IP:**1080P/720P	**Analog:** 3MP(18fps) 1080P/720P/960H **IP:** 4MP/3MP1080P/720P	**Analog:** 3MP(18fps) 1080P/720P/960H **IP:** 4MP/3MP1080P/720P
Display — Feature	1/4/6/S.E.Q.	1/4/6/8/9/10/13/14/S.E.Q.	1/4/6/8/9/10/13/14/16/17/19/22/25/S.E.Q.	1/4/6/8/9/10/13/14/16/17/19/22/25/S.E.Q.	1/4/6/8/9/10/13/14/16/17/19/22/25/32/36/49/S.E.Q.
Record — Resolution	**Analog:**1080N/720P/960H **IP:** 1080P/720P	**Analog:** 1080N/720P/960H **IP:** 1080P/720P	**Analog:**1080N/720P/960H **IP:** 1080P/720P	**Analog:** 3MP/1080P/720P/960H **IP:** 4MP/3MP1080P/720P	**Analog:** 3MP/1080P/720P/960H **IP:** 4MP/3MP1080P/720P
Record — Speed	**Analog:**1080N(960*1080):15fps(Each Ch) 720P:15fps(Each Ch) 960H:PAL:25fps(each ch)/NTSC:30fps(Each Ch) **IP:** PAL:25fps(each ch) / NTSC: 30fps(Each Ch)	**Analog:** 1080N(960*1080) :15fps(Each Ch) 720P:15fps(Each Ch) 960H:PAL:25fps(each ch)/NTSC:30fps(Each Ch) **IP:** PAL:25fps(each Ch) / NTSC: 30fps(Each Ch)	**Analog:**1080N(960*1080):10fps(each CH) 720P:10fps(each CH) 960H:PAL:25fps(Each CH)/NTSC:30fps(Each CH) **IP:** PAL:25fps(Each CH) / NTSC: 30fps(Each Ch)	**Analog:** 3MP:12fps(Each Ch) 1080P:PAL:15fps(Each Ch) 720P:PAL:25fps(Each Ch)/NTSC::30fps(Each Ch) 960H:PAL:25fps(Each Ch)/NTSC::30fps(Each Ch) **IP:** PAL:25fps(Each Ch)/NTSC: 30fps(Each Ch)	**Analog:** 3MP:8Fps(Each CH) 1080P:PAL:15Fps(Each CH) 720P:PAL:25Fps(Each CH) /NTSC::30Fps(Each CH) 960H:PAL:25fps(Each CH) /NTSC::30Fps(Each CH) **IP:** PAL:25fps(Each CH)/NTSC: 30Fps(Each CH)
Mobile App	Limpid	Limpid	Limpid	Limpid	Limpid

LIMPID MULTIDOOR AND LIFT CONTROL SOLUTIONS

Limpid Multidoor And Lift Control Solution offer complete features with WEB-Based Management for a real-time snapshot.

NVR — SIGNATURE Series

	LW-NR-04R1A4	LW-NR-08R1A8	LW-NR-16R1A8	LW-NR-16R2A16	LW-NR-16R2A8-E8	LW-NR-32R2A16	LW-NR-32R4A16	LW-NR-32R8A16
	4 CHANNEL NVR	8 CHANNEL NVR	16 CHANNEL NVR	16 CHANNEL NVR	16 CHANNEL NVR	32 CHANNEL NVR	32 CHANNEL NVR	32 CHANNEL NVR
Video Compression	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265
Recording Resolution	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P) 1.0MP(720P) 1080(V)	8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P) 1.0MP(720P)
Live / Playback Performance	5MP@30fps Max 2CH, 4MP@40fps 2MP@80fps, 720P@120fps	5MP@30fps Max 2CH, 4MP@40fps 2MP@80fps, 720P@120fps	4K:1CH Realtime 4MP:2CH Realtime 2MP:4CH Realtime	4K: 4CH Realtime 4MP: 8CH Realtime 3MP: 10CH Realtime 2MP: 16CH Realtime	4K: 4CH Realtime 4MP: 8CH Realtime 3MP: 10CH Realtime 2MP: 16CH Realtime	4K: 4CH Realtime 4MP: 8CH Realtime 3MP: 10CH Realtime 2MP: 20CH Realtime	4K: 4CH Realtime 4MP: 8CH Realtime 3MP: 10CH Realtime 2MP: 16CH Realtime	4K: 4CH Realtime 4MP: 8CH Realtime 3MP: 10CH Realtime 2MP: 16CH Realtime
Output Interface	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI (up to 4K), 1 VGA	1 HDMI (up to 4K), 1 VGA	1 HDMI (up to 4K), 1 VGA	1 HDMI (up to 4K), 1 VGA	1 HDMI (up to 4K), 1 VGA	1 HDMI (up to 4K), 1 VGA
Recording Bandwidth	Max 30Mbps	Max 60Mbps	Max 80Mbps (Output Max 64M)	Max 320Mbps	Max 320Mbps	Max 320Mbps	Max 320Mbps	Max 320Mbps
Mobile App	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid	Limpid
Internal HDD	1 SATA HDD, Up to 6TB	1 SATA HDD, Up to 6TB	1 SATA HDD, up to 6TB	2 SATA HDDs, Each HDD up to 8TB	2 SATA HDDs, Each HDD up to 8TB	2 SATA HDDs, Each HDD up to 8TB	4 SATA HDDs, each HDD up to 6TB	8 SATA HDDs, each HDD up to 8TB
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Input/Out	——	——	——	16Ch IN / 1Ch OUT	8Ch IN / 1Ch OUT	16CH IN / 1CH OUT	16CH IN / 1CH OUT	16CH IN / 4CH OUT
POE	——	——	——	——	8 POE	——	——	——

PTZ — SIGNATURE Series

	LW-SH-TZ108-20X	LW-SH-TZ108-33X	LW-SN-TZ108-20X	LW-SN-TZ108-36X	LW-SN-TZ5MP-36X
	AHD PTZ		IP PTZ		
Image Sensor	1/2.8" CMOS (Sony323) 2.0 Megapixel	1/2.8" CMOS (Sony323) 2.0 Megapixel	1/3" Sony IMX 238 HD Sensor 2.0 Megapixel	1/3" CMOS Panasonic (34220) 2.0 Megapixel	1/2.8" CMOS (Sony IMX326) 5.0 Megapixel
Min. Illumination	0.1Lux: Color/0.01 Lux:B/W	0.1Lux: Color/0.01 Lux:B/W	0.1Lux: Color/0.01 Lux:B/W	Color:0.05Lux@(F1.6, AGC ON) B/W: 0.01Lux@(F1.6, AGC ON	Color 0.01Lux@(F1.6, AGC ON) B/W: 0.001Lux@(F1.6, AGC ON)
Zoom/Focus Length	20X, f=4.7mm 94.mm F1.6(W) 2.7(T)	33X, f=4.6mm 152mm F1.6(W)2.7	20X optical zoom f=4.7~94mm	36X, f=4.6mm~167mm, D/N(ICR-Cut), F1.6~F4.8	36X, f=4.6mm~167mm, D/N(ICR-Cut) F1.6~F3.0
WDR/DWDR	DWDR	DWDR	WDR	WDR	DWDR
IR Range	60M	60M	100M	150M	150M
Video Contents	Auto Tracking/Day/Night/SNR /AGC /White Balance	Auto Tracking/Day/Night/SNR /AGC/White Balance	Day/Night/SNR /AGC/White Balance	Auto Tracking/Day/Night/SNR /AGC/White Balance, Digital Noise Reduction, Privacy Zone Masking, Motion Detect	Auto Tracking/Day/Night/SNR /AGC/White Balance, Digital Noise Reduction, Privacy Zone Masking, Motion Detect
Stream	——	——	Dual	Triple	Triple
Mobile App	Limpid	Limpid	Limpid	Limpid	Limpid
Onvif	Yes	Yes	Yes	Yes	Yes
Environment	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified

VALUE ADDED TECHNOLOGY

PERITO Series

IP CAMERA MODELS	LW-PN-B4ML4	LW-PN-B5ML4	LW-PN-B8ML4	LW-PN-D4ML2	LW-PN-D5ML3
PERITO Series					
	IP BULLET MOTORIZED LENS			IP DOME MOTORIZED LENS	
Image Sensor	1/3" CMOS sensor 4.0 Megapixel	1/3" CMOS sensor 5.0 Megapixel	1/2.5" CMOS sensor 8.0 Megapixel	1/3.2" CMOS sensor 4.0 Megapixel	1/3.2" CMOS Sensor 5.0 Megapixel
Lens	Motorized P-IRIS lens 2.8~12mm / optical 4.2x zoom / F1.4	Motorized lens 3~10.5mm / optical 3.5x zoom / F1.4	Motorized lens 3.3~12mm / optical 3.6x zoom / F1.4	Motorized P-IRIS lens 2.8-12mm / optical 4.2X zoom in /F1.4	Motorized lens 3~10.5mm / optical 3.5x zoom / F1.4
Min Illum	0.08 Lux (Color), 0.03 Lux (B/W)	0.5 Lux (Color), 0.1 Lux (B/W)	0.01 Lux (Color), 0.005 Lux (B/W)	0.08 Lux (Color), 0.03 Lux (B/W)	0.5 Lux (Color), 0.1 Lux (B/W)
WDR/DWDR	WDR	DWDR	DWDR	WDR	DWDR
IR Range	40M	40M	40M	20M	30M
Video Contents	Intelligent Video, AGC, Day / Night	Intelligent Video, AGC, Day / Night	Intelligent Video, AGC, Day / Night	Intelligent Video, AGC, Day / Night	Intelligent Video, AGC, Day / Night
Audio/SD Card	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Environment	IP66 Certified	IP66 Certified	IP66 Certified	IP66 Certified, IK10 Certified (Vandal Proof)	IP66 Certified, IK10 Certified (Vandal Proof)

IP CAMERA MODELS	LW-PN-D8VL2	LW-PN-F8L2	LW-PN-E2MX4	LW-PN-E2MX10	LW-PN-E2MX30
PERITO Series					
	IP DOME VARIFOCAL LENS	IP FISHEYE	IP EXPLOSION PROOF MOTORIZED LENS		
Image Sensor	1/2.6" CMOS sensor 8.0 Megapixel	1/2.5" CMOS sensor 8.0 Megapixel	1/2.8" Sony STARVIS CMOS sensor IMX 290 2.0 Megapixel	1/2.8" Sony STARVIS CMOS sensor IMX 290 2.0 Megapixel	1/2.8" Sony STARVIS CMOS sensor IMX 290 2.0 Megapixel
Lens	Vari-focal 3 ~ 10.5mm/F1.4	1.08mm / F2.0	Motorized lens 2.8~12mm / optical 4.2x zoom / F1.4	Motorized lens 5~50mm / optical 10x zoom / F1.6	Motorized lens 4.5~135mm / optical 30x zoom / F1.6
Min Illum	1 Lux(Color) / 0.5 Lux(B/W)	0.01 Lux (Color), 0.005 Lux (B/W)	0.005 Lux (Color), 0.001 Lux (B/W)	0.005 Lux (Color), 0.001 Lux (B/W)	0.005 Lux (Color), 0.001 Lux (B/W)
WDR/DWDR/T-WDR	DWDR	T-WDR	T-WDR	T-WDR	T-WDR
IR Range	20M	20M	──	──	──
Video Contents	Intelligent Video, AGC, Day / Night	Intelligent Video, AGC, Day / Night, Dewarping Mode	Intelligent Video, AGC, ICR	Intelligent Video, AGC, ICR	Intelligent Video, AGC, ICR
Audio/SD Card	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Environment	IP66 Certified, IK10 Certified (Vandal Proof)	IP66 Certified, IK10 Certified (Vandal Proof)	IP68 Certified, IP69K Certified, IK10 Certified, Atex Certified, IECEx Certified	IP68 Certified, IP69K Certified, IK10 Certified, Atex Certified, IECEx Certified	IP68 Certified, IP69K Certified, IK10 Certified, Atex Certified, IECEx Certified
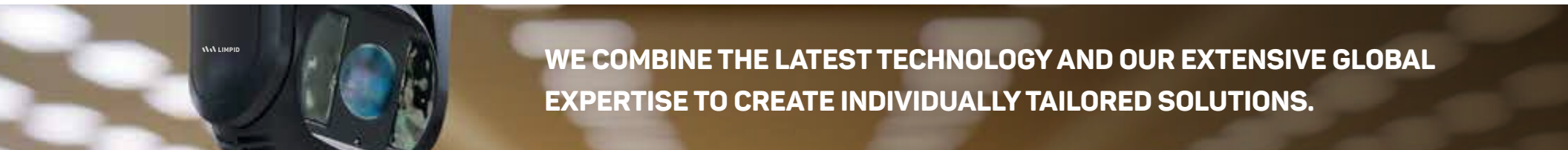
WE COMBINE THE LATEST TECHNOLOGY AND OUR EXTENSIVE GLOBAL EXPERTISE TO CREATE INDIVIDUALLY TAILORED SOLUTIONS.
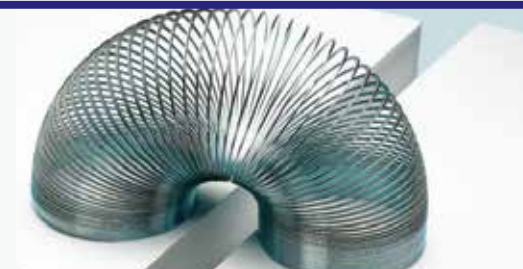
NVR 4K SUPPORTED

PERITO Series

NVR 4K SUPPORTED	LW-PE-04R3	LW-PE-04R3-I	LW-PE-04R3-E	LW-PE-04R3-IE	LW-PE-09R3	LW-PE-09R3-I	LW-PE-09R3-E	LW-PE-09R3-IE
Decoding Compression	H.264 / MPEG4 / MJPEG				H.264 / MPEG4 / MJPEG			
Recording Resolution	Up to 8 Megapixel Per Channel				Up to 8 Megapixel per channel			
Number of Channels	4				9			
Max. Total Bandwidth	76 Mbps				76 Mbps			
Intelligence Support	Yes				Yes			
RAID	—	RAID 0/1/5	—	RAID 0/1/5	—	RAID 0/1/5	—	RAID 0/1/5
Maximum Storage	SATA HDD x 3 or SATA HDD x2 with E-SATA x 1				SATA HDD x 3 or SATA HDD x2 with E-SATA x 1			
Audio	2-Way				2-Way			
POE Port	—	—	4POE	4POE	—	—	8 POE	8 POE

NVR 4K SUPPORTED

PERITO Series

NVR 4K SUPPORTED	LW-PE-16R8	LW-PE-16R8-I	LW-PE-16R8-E	LW-PE-16R8-IE	LW-PE-25R8	LW-PE-25R8-I	LW-PE-36R8	LW-PE-36R8-I	LW-PE-49R8	LW-PE-49R8-I
Decoding Compression	H.265/ H.264 / MPEG4 / MJPEG				H.265/ H.264 / MPEG4 / MJPEG					
Recording Resolution	Up to 8 Megapixel per channel				Up to 8 Megapixel per Channel					
Number of Channels	16				25		36		49	
Max. Total Bandwidth	300 Mbps				300 Mbps				200 Mbps	
Intelligence Support	Yes				Yes					
RAID	—	RAID 0/1/5	—	RAID 0/1/5	—	RAID 0/1/5	—	RAID 0/1/5	—	RAID 0/1/5
Maximum Storage	SATA HDD x 8 with E-SATA x 2				SATA HDD x 8 with E-SATA x 2					
Audio	2-Way				2-Way					
POE Port	—	—	16POE	16POE	————————					

BUILD A SAFER AND SECURE WORLD
Our aim is to Protect lives, buildings and assets.

ACCESS CONTROL	LAC-1	LAC-LITE	MULTI DOOR CONTROLLER	LIFT & FLOOR CONTROLLER

Software Application	Limpid	Limpid
Verification Mode	Fingerprint / Card (Not Support Keypad)	Card/Password
Card Capacity	20,000	20,000 (50,000 extendable)
Anti-Pass Back / Anti Duress	Yes	Yes/Yes
Touch Keypad	——	Yes
Support NFC	Yes (Mifare type)	Yes (Mifare type)
Inbuilt Relays (Max. Power Loading)	Door Lock (40VAC/ 40VDC,2A)	Door Lock (1A,30VDC)
Template Capacity	9590	——
Verification Time	<600msec	——
1,000 Identification Time	<760msec	——

Access Control	Multi Door, DUAL-Direction
Verification Mode	Card/Password
Card Capacity	20,000 (50,000 extendable)
Anti-Pass Back / Anti Duress	Yes/Yes

Software Application	Browser
Lift Control	1
Floor Control	Black list: 80 floors (Needs 5 pcs of Floor security control) White list: 128 floors (Needs 8 pcs of Floor security control)
Call Lift	7
User Type	5 (Super user/user/visitor/defense/guard)
User Capacity	20,000
Logs Capacity	65,535
Reader Type	RS485, WG (Needs RB-4 / RB-8 Relay box)
Web Base Management	Yes

ACCESS CONTROL SOFTWARE

LIMPID MAIN FEATURES
• Server-client structure
• LAN/WAN/VPN/GPRS Global Management
• Selectable & Scalable Service Modules
• Extendable Connect Ability (HR/Payroll System)
• SDK for 2nd Time Development
• Multi-Lingual User Interface SQL Server (MS/SQL)

LIMPID ADVANTAGES
• Centralized System Management
• Centralized Account Management
• Centralized Report Generated
• One-Stop Access & Attendance Management

LIMPID BENEFITS
• Office's Access Control & Attendance
• Building Access Control & Security
• Elevator Entry & Floor Security Management
• Parking Management
• Zone's Management Customization on Request

LIMPID

LIMPID INTEGRATED SOLUTION

Our solutions provide protection for your business-critical processes and assets. Tracking and managing the movement of employees, contractors and visitors with our dependable solutions enhances the audit activity for time and attendance, and incident review and emergency mustering events at your facilities.

LIMPID DEMOGRAPHIC SOLUTION

Retail survelliance solution helps to increase your sales

SPECIFICTIONS

Features	Functions	Description
Detection	Free Detection & Counting	Use pattern detection to log and demographically segment the number of people observing visual messaging.
	Age Estimation	Counts & reports the age and customer specified age ranges of detected persons.
	Gender Estimation	Counts and reports the gender of detected person.
Time & Distance	Dwell/Attention Time	Detects how long each detected viewer look at a message.
	Viewer Distance	Detects and estimates the distance between each detected viewer and the camera.
Accuracy	Indoors	70%-80% (average)

LIMPID PEOPLE COUNTING SOLUTION

Get people entering and leaving and transmit daily information for different floor or stores to web-based management system.

SPECIFICATIONS - MODEL NO. LW-PE-3D

Features	Description
Image Sensor	3D Depth Sensor (TOF)
3D Frame Rate	30fps
Mounting Height	2.2M to 5.0M
Installation Angle	±15° X-axis and ±5° Y-axis
Accuracy	95-98%

LIMPID
INFINITE EYES

STURDY TRUSTABLE SECURITY SOLUTIONS FROM LIMPID WORLD UK LTD.

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