

MARUSON[®]

CCTV UPS

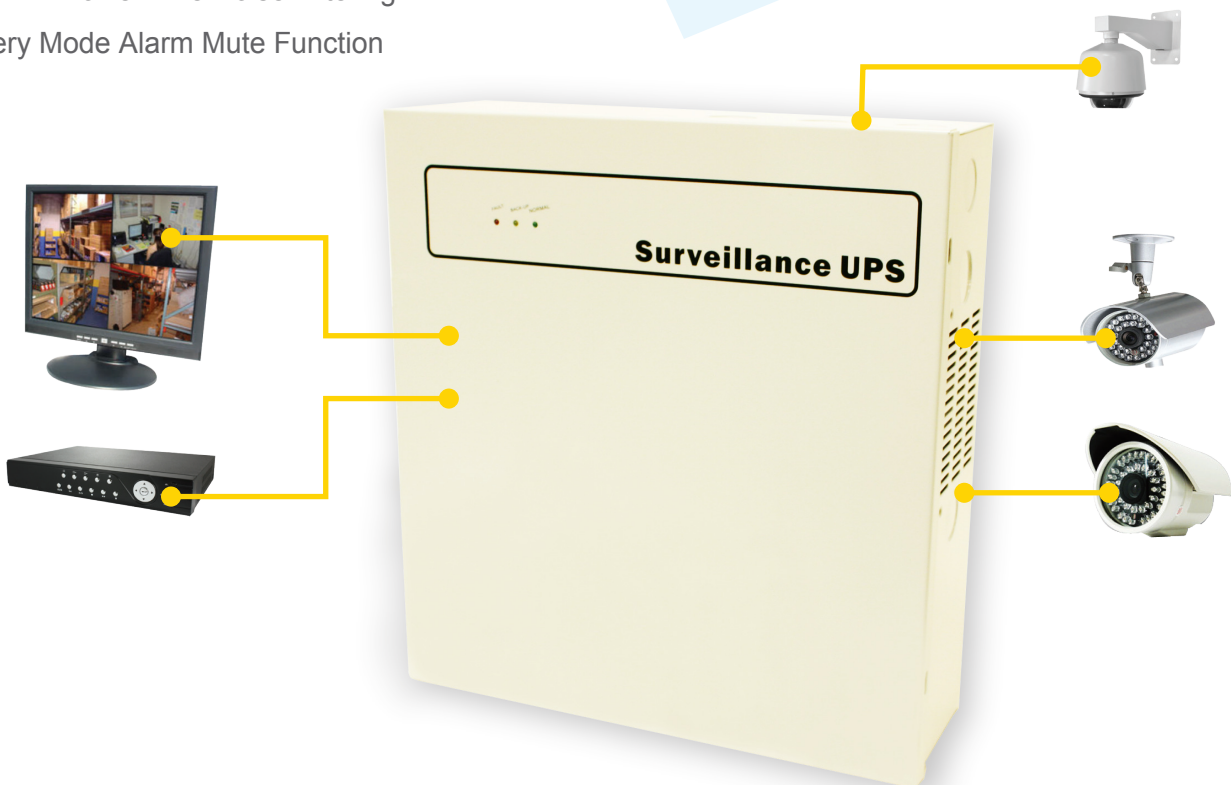
SURVEILLANCE UPS Series

The Surveillance UPS Series is an innovative and professional battery backup solution for all your surveillance needs. You will be kept at ease knowing that during a power outage, your CCTV camera and DVR/NVR equipment will continue running so you can keep monitoring and recording your premises.

Applications: Provides battery backup, noise filtering, and surge protection for 120VAC monitor, DVR/NVR systems, and 12VDC/24VAC cameras.

Features:

- 12VDC / 24VAC Battery Power Backup for CCTV Cameras
- Automatic Voltage Regulation (AVR) for Wide Input Operation Voltage and Stable Output Voltage
- 12-13VDC Adjustable Output Voltage to Enhance Video Quality for Long-Distance Cameras
- 9/18 Ports Overload Protection (fuse optional) for CCTV Cameras
- Batteries are Hot Swappable (cameras, DVR, & monitors are always on)
- Multi-LED Indicators for AC/DC Power Supply and UPS Power Status
- 2 Amp Fuse or PTC (Breaker) Power Protection for High Power CCTV Cameras
- Two AC Outlets (NEMA 5-15R or IEC) with Battery Backup and Surge Protection for DVR and Monitor
- AC Power Failure And Cameras DC Power Failure Notification through DVR/NVR or Alarm System
- Two Step Automatic Battery Chrger (extends battery life)
- Security Key Lock (Optional)
- EMI /RFI Power Line Noise Filtering
- Battery Mode Alarm Mute Function



DVR/ NVR and CCTV Surveillance UPS

SPECIFICATIONS

MODEL		SUR - 809UPS	SUR - 1218UPS	SUR - 1518UPS
CAPACITY	VA / W	500VA / 250W	700VA / 360W	700VA / 360W
INPUT	Nominal Voltage	110 ~ 120Vac or 220 / 230 / 240Vac		
	Input Voltage Range	90Vac~ 148Vac (@120Vac) , 172Vac ~ 288Vac (@240Vac)		
	Frequency	50 / 60 Hz (auto sensing)		
OUTPUT (12VDC / CCTV)	DC Voltage (Adjustable)	12 - 13Vdc (manually select 12,12.5,13Vdc)		
	Amps	10A	14A	14A
	Watts	120 W	168 W	168 W
	Port	9 ports	14 ports	18 ports
OUTPUT (24VAC / CCTV)	Watts	NONE	100 W	NONE
	Port	NONE	4 ports	NONE
OUTPUT (AC UPS)	Output Voltage Range	110 / 120Vac +/- 10%,220 / 230 / 240Vac +/- 10%		
	AVR	two boost , one buck		
	DVR / NVR Outlet Capacity (max.)	60 W	65 W	65 W
	Frequency	50 / 60 Hz (auto sensing)		
	Outlets (Battery Backup)	NEMA 5-15R x 1 (DVR / NVR) , NEMA 5-15R x1 (LCD monitor)		
	Waveform (Batt. Mode)	Simulated Sinewave		
BATTERY (not included)	Transfer Time	2 - 4 ms (Typical)		
	Battery	7Ah x 1	7Ah x 2	7Ah x 2
	Backup time (basic DVR / Camera)	40 ~ 55min	60 ~ 80 min	65 ~ 85 min
	Recharge Time	< 8hrs to 90% capacity	< 12hrs to 90% capacity	< 12hrs to 90% capacity
INDICATOR	LED For UPS	UPS status , battery mode , fault		
	LED for Camera	7 x Green LED (DC 1AMP) 2 x Orange LED (DE 2AMP)	10 x Green LED (12VDC 1Amp) 4 x Orange LED (12VDC 2Amp) 2 x Green LED (24V AC1Amp) 2 x Yellow LED (24VAC 2Amp)	14 x Green LED (DC 1Amp) 4 x Orange LED (DC 2Amp)
AUDIBLE ALARM	Battery Mode	Two short beeps every 8 seconds		
NOTIFICATIONS	AC Power Fail Output	one set (NC,NO,COM port)		
	Camera power fail output			
	Camera Power Fail Detect	9 port	14 ports	14 ports
SURGE / NOISE SUPPRESSION	AC Surge Suppression	240 joules		
	EMI/ RFI AC Noise Suppression	20 db @ 1M Hz		
PROTECTION	Overload / Short Protection (Camera)	PTC x 2A x 2 port , 1A x 7 port	PTC 12 VDC 2A x 4 ports 12 VDC 1A x 10 ports 24 VAC 2A x 2 ports 24 VAC 1A x 2 ports	PTC 12 VDC 2A x 4 ports 12 VDC 1A x 14 ports
PHYSICAL	Unit Weight (lbs)	22 lbs	24.5lbs	24 lbs
	Unit Dimensions (HWD / inches)	3.35 x 12.52 x 13.07 inch		
	Warranty	3 Year limited		

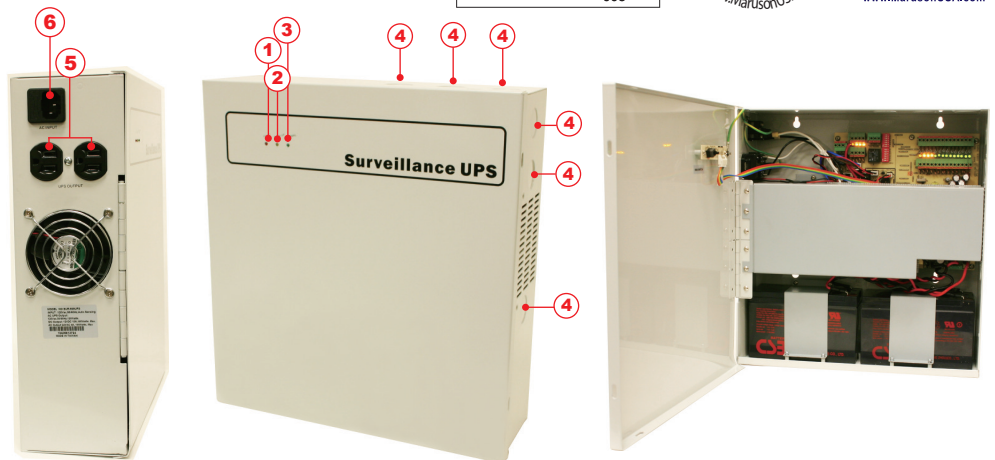
*Backup time varies by load and battery conditions. Turning off monitor will extend backup time.

*Batteries and 2nd battery cable are optional.

*Specifications may change without notification.



- ① Cut-Off LED: Fault / Low Battery / Battery Replacement Indicator
- ② Backup LED : Battery Backup Mode
- ③ Normal LED: AC Normal
- ④ 12VDC Camera Power Outlets & 24VAC Camera Power Outlets
- ⑤ UPS Output
- ⑥ AC Input with Overload Protection (AC Fuse)



MARUSON
TECHNOLOGY CORP.
Power Solutions for All Your Needs

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