Super LoLux HD2™

New JVC Super LoLux HD2 CCTV cameras

SUMMER NIGHTS

FROM DUSK TO DAWN WITH SLL HD2

Combining high performance with full HD resolution, the next generation Super LoLux HD2 cameras (EX models) offer superior colour reproduction even at low light.

JVC's new Super LoLux HD2 IP cameras deliver outstanding performance and precise colour reproduction, and are equipped with newly-developed CMOS sensors for exceptional low light performance with full 1080p resolution. Sensitivity has been greatly improved from the first generation of these cameras and the new SLL HD2 (EX models) deliver impressive detail and colour – without requiring LEDs – at light levels as low as 0.05 lux (0.012 lux b/w).

The six models in the SLL HD2 range consist of three box cameras, two indoor domes and an IP66-rated outdoor dome, each with multi-codec support including M-JPEG, MPEG-4 and H.264 High Profile. There's improved smart backlight compensation too, for optimal image quality in difficult back-lit areas, while clever image processing ensures pictures are as clean as possible, whatever the lighting conditions.
And operating at as low as 64kbit/sec for slower network environments, with MTBF figures of 90,000 hours, the new Super LoLux HD2 cameras are exceptionally reliable.

Previous Super LoLux HD camera
(real image taken at 0.1 lux)

New Super LoLux HD2 camera
(real image taken at 0.1 lux)

- Next generation sensitivity
- Exceptional colour and detail
- Improved WDR performance

For further information on our CCTV solutions, please visit www.jvcpro.eu/cctv.

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SUPER LOLUX HD2

TECHNICAL SPECIFICATIONS

	VN-H37U(EX) / VN-H57U(EX)	VN-H137BU(EX)	VN-H237BU(EX) / VN-H257U(EX)	VN-H257VPBU(EX)
Image device	1/3" Super LoLux HD2 CMOS, 1080p, 2.5M			
Minimum illumination	0.05 lux colour (25% AGC high) True D/N models: 0.012 lux b/w (25% AGC high), Easy D/N models: 0.042 lux (25%)			
Day/night	True D/N	Easy D/N	H237: Easy D/N H257: True D/N	True D/N
Wide dynamic range	Advanced back light compensation (BLC) technology			
3D noise reduction	Yes (Normal / High)			
Other function	4 patterns BLC, 8 areas privacy mask, 8 patterns programmable scene file, Motion detection, Audio detection (Audio model only), Tamper detection, Network failure detection, Digital PTZ (20 presets, Auto patrol, 8x digital zoom)			
Lens	Not included (CS mount)	3.0-9.0 mm 3x vari focal, F1.2		
Focus adjustment	H37: Manual H57: Auto/remote focus	Manual	H237: Manual H257: Auto/remote focus	Auto/remote focus
Image compression	H.264 High Profile / H.264 Main Profile / MPEG4 / Motion JPEG			
Distribution	H.264 High Profile: 1920x1080, 1280x960, 1280x720, 640x480, 320x240, Max 30 fps MPEG4: 640x480, 320x240, Max 30fps JPEG: 1920x1280, 1280x960, 1280x720, 640x480, 320x240, Max 30fps Triple stream via the same encoding simultaneously Dual stream via H.264+JPEG or MPEG4+JPEG, or single stream			
Protocol	TCP/IP, UDP/IP, FTP, ICMP, ARP, DHCP, SNTP, HTTP, DSCP, SMTP, RTP, RTSP, IGMP, IPv6, HTTPS, SNMP, ONVIF, AMX Device discovery			
Maintenance tool	IP address search/setup, Device search, Batch updater, Setting change/copy, Focus adjustment, VGA preview			
Monitor out	Yes			
Audio (Line In/Out)	Yes (H57)	-	Yes (H257)	Yes
Recording	SDHC local recording, VR-X1600U/3200U, SuperLoLux HD software, SuperLoLux NVR, Various VMS			
Alarm I/O (In x2, Out x2)	Yes (H57)	-	Yes (H257)	Yes
Power (AC 24V support)	Yes (H57)	-	Yes (H257)	Yes
Vandal/dust/water-proof	-	-	20 joule (IK10)	50 joule / IP66
Working temperature	-10 deg C to 50 deg C	-10 deg C to 50 deg C	-10 deg C to 50 deg C	-30 deg C (with optional heater) to 50 deg C
MTBF	90,000 hours			

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