VS-WC363   NTSC / PAL, 36x Zoom, Rugged IR PTZ Camera

NTSC / PAL Composite Video Output

- 1/4" 613K pixels SONY Super HAD dual scan CCD
- 700TV lines of highest resolution - HR7 mode
- Progressive scan 612,688 pixels
- Optical 36x power zoom and 32x digital zoom
- Dual scan 512x WDR
- 1/4" Exview HAD CCD, Sony optical 36x zoom with WDR
- 12pcs of 18ø IR LED (120m manual focusing)
- High-powered 36x optical zoom
- Light distance: 80m (manual focusing)
- IP66 Outdoor Application
- Endless Pan rotation (-22.5°~ 90° tilt angle)
- Up to 63 programmable presets
- Less than 0.1° Preset Accuracy
- 8 programmable Tour, 4 Pattern
- Alarm - Move the camera to programmed Preset position with Alarm trigger. (Max. 2)
- 4 Scan (Programmable speed and diagonal scan)
- Programmable Privacy Masking (2 Zones)
- RS-422, RS-485 communication
- Multiple protocol PELCO-D, PELCO-P
- Built-in Menu System for Setup of Programmable Functions
- Mechanical Auto Flip
- Programmable Zoom Speed (Optional Update tool)
- DC 12V, 1.5A with Optional 24V AC power Input

V-PS12-5V
Power Supply included

32x OPTICAL ZOOM   **IR** ILLUMINATION   **IP66** INGRESS PROTECTION

IR Light Function

Its built-in 12pcs of 18ø IR Lens provide visible distance of up to120m in the dark (manual focusing).

WDR (Wide dynamic range)
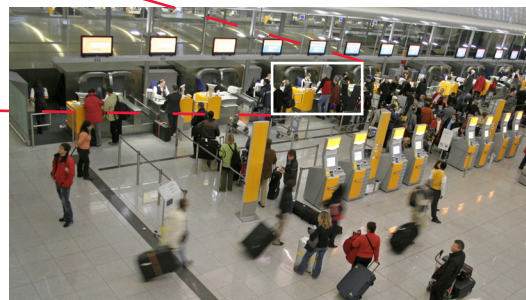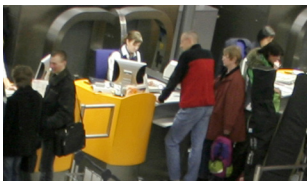
The Camera delivers clear, high quality pictures even when the subject is backlit. By increasing exposure in dark areas while simultaneously decreasing it in bright areas results in a corrected image with clear details.

At Normal Speed Shutter

At High Speed Shutter

Simulated Image

➔ 36X Optical Zoom
➔ 32X Digital Zoom

36x Optical Zoom

The built-in 36 Optical zoom lens with auto-focus is combined with a 32x digital zoom providing a maximum of 1152x zoom.

Auto ICR

This camera offers optimal sensitivity in both day and night shooting applications. At a preset level of darkness, the IR-cut filter is automatically disabled (ICR ON) and the near-infrared sensitivity is increased. At a preset level of brightness, the filter is automatically enabled (ICR OFF). The IR-cut filter automatically engages depending on the ambient l ight, allowing the camera 24/7 operation in a variety of lighting conditions.

VS-WC363 Specifications

MECHANICAL	
Pan	360° Endless Pan / 0.1° to 100°/sec.
Tilt	-22.5° to 90° angle, 64 steps proportional to zoom
Pan Preset Speed	110°/sec, 0.1° Accuracy
Weight	2.7kg
Dimensions	138(Ø) x 205.81(H) mm

ENVIRONMENTAL	
Construction	Aluminum
Ingress Protection	IP66
Color	Black or Cool Gray
Operating Temp	-20℃ to 50℃ (Fan & Heater power ON)

FUNCTIONS	
Preset	63 points, less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns
Flip	Mechanical / Auto / Off (Rotate 90° at bottom of tilt)
Auto Scan	4 (programmable speed and diagonal scan)
Privacy Zone	2 blocks with title (Masking / Video off)
Address	Up to 255 selectable ID (Rotary switch)
Data Communication	RS-485 / RS-422
Protocol	Multiple protocol
Baud rate	2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
Alarm In	2 alarm (NO/NC, Priority)
Alarm Out	2 relay out (Hold, Latch)
Display	Zone title on/off (start / end zone)

ELECTRICAL	
Power	DC 12V, 22W, 1.5A (with extra IR 3A)
	V-PS12-5V Power Supply included
	IR: 1.9A (23W) (Fan & Heater ON)
Light	12pcs of 18ø IR LED

Light distance	120m (manual focusing)

VIDEO	
Video Out	1.0 Vp-p (75ohm, composite)
CERTIFICATION	CE, FCC CLASS A, RoHS

CAMERA	
Image Sensor	1/4" SONY Super HAD II CCD (Double Screen)
Zoom	Optical 36x, Digital 32x
Total Pixels	NTSC: 1028 (H) x 508 (V) / PAL: 1028 (H) x 596 (V)
Scanning Frequency	NTSC: 15.734 KHz (H), 59.94 Hz (V) PAL: 15.625 KHz (H), 50 Hz (V)
Sync System	Internal
Min. working distance	10 mm (WIDE end), 800 mm (TELE end)
Sync system	Internal
Resolution	700TV lines (Color)
	800TV lines (BW)
Min. Illumination	Color: 0.5 lux, BW: 0.2 lux
	Color DSS: 0.001 lux, BW DSS: 0.0004 lux
Image DNR	Off / Manual / Auto
Focus Distance	50 dB (Weight ON)
S/N Ratio	More than 50dB (AGC off)
Focal Length	f= 3.4mm ~ 122.4mm (F 1.6 to 4.5)
Focus	Auto
Communication	Baud Rate: 2400/4800/9600/19200/38400 Protocol: Pelco-D / Pelco-P
E.Zoom	Off / Max 2x ~ 32x
Exposure	Auto / Shutter PRI / Manual
Display	Disp Sel / Init Sel / Set Tilt / Set Init Msg /Language
Gain Control	Off / On (Auto Max 32dB)
Shutter Speed	NTSC: 1/60 ~ 1/100,000 sec PAL: 1/50 ~ 1/100,000 sec
WDR / BLC	Off / WDR / BLC
Day & Night	Auto / Sens-in / Ext / Day / Night
White Balance	ATW / One-Push / Indoor / Outdoor / Manual / Auto

Accessories

VS-TKC-100
PTZ Keyboard Controller