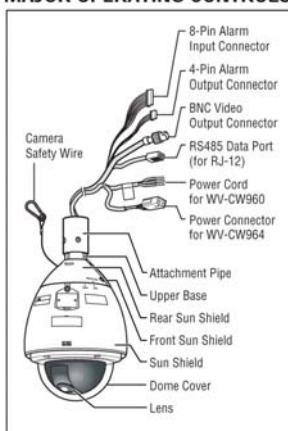


WVCW960

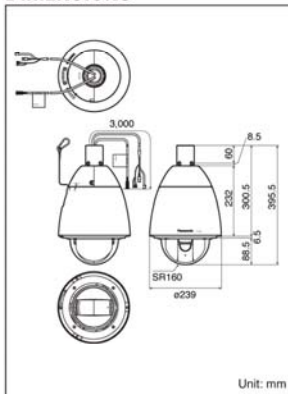
DOME MOTORISE COULEUR EXTERIEUR
 JOUR / NUIT - ANTIVANDAL
 HAUTE RESOLUTION 540 / 570 LTV
 ZOOM 30 X ANTI VANDAL
 ETANCHEITE IP66 – SUPER DYNAMIC III



MAJOR OPERATING CONTROLS



DIMENSIONS



WALL MOUNT BRACKET

WV-Q122



SPECIFICATIONS PAL CCCR

Model No.	WV-CW960	WV-CW964
General		
Power Requirements	220 V - 240 V AC, 50 Hz	24 V AC, 50 Hz
Power Consumption	90 W	77 W
Pick-up Device	1/4-type (1/4") interline transfer CCD	
Effective Pixels	752 (H) x 582 (V)	
Scanning Area	3.65 mm (H) x 2.71 mm (V)	
Signal	PAL	
Synchronization	Internal (INT), multiplexed vertical drive (VD2), line-lock (LL)	
Scanning	2:1 interlace	
Scanning Frequencies	Horizontal: 15.625 kHz, Vertical: 50.00 Hz	
Video Output	VBS: 1.0 V (p-p) / 75 Ω (BNC plug)	
Resolution (Centre)	Horizontal: 480 TV lines minimum (colour NORMAL mode) 540 TV lines typ., 520 TV lines minimum (colour HIGH mode) 570 TV lines minimum (black and white) Vertical: 400 TV lines minimum (Centre)	
Minimum Illumination	0.5 lux (colour mode) 0.04 lux (black and white mode) SENS UP: OFF; AGC: HIGH	
Dynamic Range	54 dB typ. (Super Dynamic III: ON)	
S/N Ratio	50 dB minimum (AGC: OFF)	
Ambient Operating Temperature	-40 °C ~ +50 °C	
Ambient Operating Humidity	90 % max. (non-condensation) ¹⁾	
Water Resistance	IP66 protection from water jets from a nozzle (IEC60529/JIS C 0920)	
Dimensions	ø239 mm (D) x 395.5 mm (H)	
Weight	approx. 4.7 kg	
Finish	Camera: Die cast aluminum, baked on coating (Paint colour: Fine silver(901)) Sun shield: ASA resin, coated (Paint colour: Fine silver(901)) Dome: Clear polycarbonate resin	

¹⁾ When power is on continuously, the camera's interior temperature is -10 °C or higher

Pan and Tilt

Panning Range	360 ° endless
Panning Modes	Manual, auto, manual position, sequential position
Panning Speed ²⁾	Manual: approx. 0.065 °/s ~ 120 °/s 8 steps, 16 steps, 64 steps Preset: approx. 400 °/s
Tilting Range	-5 ° ~ 185 ° (horizontal - vertical - horizontal) (According to the TILT ANGLE)
Tilting Modes	Manual, manual position, sequential position
Tilting Speed ²⁾	Manual: approx. 0.065 °/s ~ 120 °/s 8 steps, 16 steps, 64 steps Preset: approx. 400 °/s

²⁾ Actual speed depends on type of controller being used

Lens

Zoom Ratio	30x (approx. 300x with digital zoom)
Focal Length	3.8 mm ~ 114 mm
Maximum Aperture Ratio	1:1.4 (WIDE) ~ 3.6 (TELE)
Object Distance	1.5 m
Iris Range	F1.4 ~ 22, Close
Angular Field of View	Horizontal: 1.8 ° (TELE) ~ 52 ° (WIDE) Vertical: 1.4 ° (TELE) ~ 40 ° (WIDE)

Main Functions

Controller Interface	Coaxial Multiplex System, RS485
Control Functions	Pan and tilt, zoom and focus, 256 preset positions, home position, patrol
AGC	ON (LOW), ON (MID), ON (HIGH), OFF
Title(ID)	ON, OFF (Preset ID, camera ID, area title: 16 alphanumeric characters)
Zoom Speed	approx. 6.0 seconds (TELE ~ WIDE) in manual mode
Zoom Limit	1x ~ 300x (Over 30x is digital zoom)
Password Lock	All menus
Auto Focus	MANUAL/AUTO (PAN, TILT, ZOOM linked)
Iris	ALC (Adjustable OPEN/CLOSE output target level)/MANUAL
Shutter	OFF (1/50), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 s
Electronic Sensitivity Enhancement	32x max. (AUTO or FIX)
Auto Mode	OFF, SEQ, SORT, AUTO PAN, PATROL, AUTO TRACK
Auto Pan Key	SEQ, SORT, AUTO PAN, PATROL, AUTO TRACK
Digital Flip	ON/OFF
Super Dynamic III	ON/OFF
Motion Detector	OFF/MODE1/MODE2
Alarm Input/Output	4 inputs (ALARM IN 1 ~ ALARM IN 4) 2 outputs (ALARM/AUX1, BW/AUX2)
Black and White Mode Switching	AUTO/ON/OFF
Privacy Zone	ON/OFF (8 zone settings)
Patrol	STOP/PLAY/LEARN
Cleaning	ON/OFF
Image Hold	ON/OFF
Auto Image Stabilizer	ON/OFF
Scene Select Setting	INDOOR (L)/INDOOR (H)/OUTDOOR (L)/OUTDOOR (H)
Language Setting	English, German, French, Italian, Spanish, Russian, Chinese, Japanese