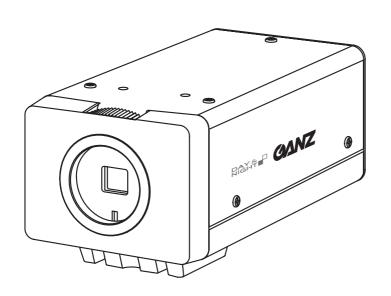
Color / Day & Night CAMERA Wide Dynamic Range

# **ZC-YX/NX Series**

**INSTRUCTION MANUAL** 





ENGLISH
DEUTSCH
FRANÇAIS
ITALIANO
ESPAÑOL
POLSKI
PORTUGUÊS
PYCCKNN
中国语



Thank you for your purchase of this product.

- Before operating this product, please read this instruction manual carefully.
- After you have read this manual, store it in a safe place for future reference.

#### CONTENTS

30.11.2.11.0	
PRODUCT FEATURES	EG-2
SAFETY PRECAUTIONS	EG-3
PART NAMES AND FUNCTIONS	EG-4
CAMERA MOUNTING	EG-8
EXTERNAL DIMENSIONS	EG-8
MODEL DESCRIPTION	EG-9
SPECIFICATIONS	FG-10

#### **PRODUCT FEATURES**

- High-resolution surveillance camera with a new built-in 1/3-type CCD. It delivers clear images at a horizontal resolution of 700 TVL by using a new high-resolution CCD and image processing technology.
- 12 V DC/24 V AC auto switching power supply.
   (ZC-YX270P, ZC-NX270P, ZC-YXW270P, ZC-NXW270P)
- The new Wide Dynamic Range (WDR) processing technology offers the high dynamic range of approximately 82dB, ensuring sharp images even if the pictures are shot in mixed indoor/outdoor scenes with backlight.
- New Easy Focus function helps adjust the lens focus by edge enhancement focus level bar, and screen view zoom-up / down.
- The Color Bar Output function enables the checking and adjustment of cable signal levels and monitoring of the image quality.
- The Defog function provides high-quality images with automatically enhanced contrast in an
  environment with poor visibility, such as fog, mist, rain, and snow.
- The 3D-Digital Noise Reduction (3D-DNR) function realizes low noise and high sensitivity.
- The OSD settings can be dynamically switched using the Profile Switching function. With these
  functions, two preset profiles can be switched with each other when a Mode Selection terminal has
  been controlled or Day/Night switching has been made. A combination of profiles can be selected
  according to surveillance conditions.
- Day/Night function provides a high-sensitivity black and white image in low light conditions (e.g., night time) by automatically switching the camera to black and white mode. The camera is automatically switched to color mode in brighter light conditions (e.g., day time).
- This product offers additional functions such as Stabilizer, Privacy Mask, and Motion Detection functions.
- Long-distance transmission is possible using UTP (Unshielded Twisted Pair) cable.
   (Use a receiver produced by NVT) (ZC-YX270PU, ZC-YXW270PU)

## SAFETY PRECAUTIONS

The installation should be made by a qualified service person and should conform to all local codes.

For this device provided no power switch, the installation shall be carried out in accordance with the rules of the country or the region in which the equipment is to be installed.

#### : WARNING

This symbol indicates that there is a possibility of death or damage to operator or others.

- Use only 24V AC power supply marked class 2 or +12V DC regulated power supply marked class 2. (ZC-YX270P, ZC-NX270P, ZC-YXW270P, ZC-NXW270P)
- (2) Use only with a 230 V AC power supply. (ZC-YX270PE, ZC-NX270PE, ZC-YXW270PE, ZC-NXW270PE)
- (3) Be sure to connect each lead to the appropriate terminal. Wrong connection may cause malfunction and/or damage to the video camera.

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- (4) Never attempt to disassemble or modify the camera.
- (5) If an abnormality should occur, immediately turn off the power and consult your dealer.
- (6) To prevent fire or electric shock, do not expose this product to rain or moisture.
- (7) Never remove the cover. This may cause fire or electric shock.

#### ∴ CAUTIONS

This symbol indicates that there is a possibility of injury or damage to equipment.

- (1) Do not attempt to aim the camera at the sun or other extremely bright objects that cause smear to appear irrespective of whether the camera is operating or not. This can damage the CCD (Charge Coupled Device).
- (2) Do not place the camera in the following locations.
  - ① Locations subject to extremely high or low temperatures.
    - (Operating temperature range: -10°C to +50°C {14°F to 122°F})
    - (Storage temperature range: -20°C to +60°C {-4°F to 140°F})
  - ② Locations subject to high levels of humidity and dust.
    - (Operating humidity range: max 85% (No condensation))
    - (Storage humidity range: max 95% (No condensation))
  - 3 Locations where there are large amounts of water vapor and steam.
- (3) Ensure the location selected is sufficiently strong enough to support the weight of the camera and is free from vibration.
- (4) When this camera is installed near equipment that emits a strong electromagnetic field, some irregularity such as noise on the monitor screen may happen.
- (5) Do not allow the camera to be subjected to strong impacts or shocks. The camera could be damaged by improper handling or storage.
- (6) When plugging the power cord into an electric outlet, be sure to leave enough space around the outlet so that it will easy to unplug the power cord. (ZC-YX270PE, ZC-NX270PE, ZC-YXW270PE, ZC-NXW270PE)
- (7) The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



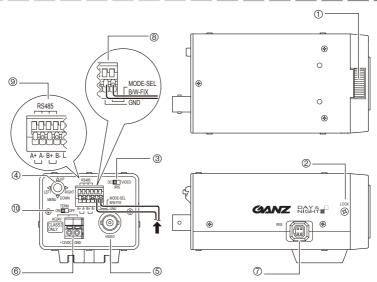
The CE Marking is a Directive Conformity mark of the European Union (EU).



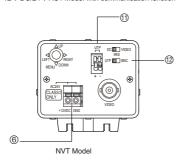
#### Disposal of your old appliance

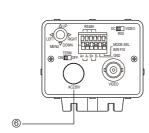
- When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
- All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
- For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

## PART NAMES AND FUNCTIONS



12 V DC/24 V AC / Model with communication function





Power plug

AC230V / Model with communication function

#### 1) Flange back adjustment wheel

If the focus needs to be adjusted after the lens has been mounted, loosen the flange back locking screw (②) and rotate the adjustment wheel to adjust.

#### 2 Flange back lock screw

Loosen this screw for flange back adjustment. Be sure to retighten the screw after adjustment.

#### 3 Auto-Iris mode switch

For switching the output from the auto-iris connector (⑦).

#### CAUTION:

When connecting the auto-iris lens, turn off the camera power. Also, if the Auto-Iris mode switch is set to a mode other than "DC" or "VIDEO" that is set for the connecting lens, the lens may be damaged.

DC : To be set when using a non-amp

auto-iris lens.

VIDEO: To be set when using an auto-iris

lens a built-in amp.

#### Menu Operation Switch

To adjust settings in the OSD menu, press and hold down the Menu Operation Switch. The OSD menu appears, and here you can adjust various settings using this switch.



- Pressing the switch in the UP/DOWN/ LEFT/RIGHT direction moves the cursor and allows you to select an item.
- Press the Menu Operation Switch to confirm the item you have selected.
- \* For details, please see the separate "OSD Operation Manual."

#### Video iris lens adjustment

While using a video iris lens, make sure to make this adjustment. Activate the adjustment screen of the video iris lens by selecting "Setup" → "Lens" in the OSD menu. To adjust the brightness, turn the "LEVEL" volume control to "L" or "H" until "LEVEL VR Position: OK" appears on the OSD screen. When the adjustment is completed, close the OSD menu.

\* For details, please see "Video-Iris LEVEL VR Setup" of the separate "OSD Operation Manual."

#### CAUTION:

- Make sure to adjust the lens in a bright light environment.
- Make sure to set the ALC adjustment volume of the lens to the Average (AV) end.

#### Easy focus adjustment

Make sure to adjust focus in a bright light environment. With the OSD screen not displayed, activate the focus adjustment screen by pressing and holding down the Menu Operation Switch in the UP direction (Jump function). You can also activate the focus adjustment screen by selecting "Setup" → "EZ Focus" in the OSD menu. The lens iris is forcibly kept open while this screen is being displayed. The focus can be easily adjusted by using focus adjustment assisting functions such as edge enhancement, focus level bar indication, and screen view zoom-up/down enabled by pressing the Menu Operation Switch in the left/right direction. When the adjustment is completed, close the OSD

\* For details, please see "EZ Focus Menu" of the separate "OSD Operation Manual."

#### **5 Video output connector**

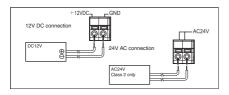
Connected to the TV monitor with a coaxial cable.

#### ® Power input terminal (when using 12 V DC/24 V AC)

This model can use 24 V AC and 12 V DC.

#### CAUTION:

Use only with a 24 V AC power supply marked class 2 or +12 V DC power supply.



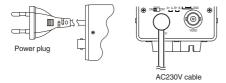
#### When connecting to a terminal

When connecting a cable to a power cable terminal (AWG16-24), peel off the cable by 11 mm from the end.



#### Power cable (when using 230V AC)

AC Power Cord: Use AC230 V, 50Hz. (ZC-YX270PE, ZC-NX270PE, ZC-YXW270PE)



#### CAUTION:

Use only with a 230V AC.

#### ② Auto-iris output connector

For connecting the cable of an auto-iris lens, the pin assignment is as shown below. (While using the auto-iris lens, set the Auto-iris Mode switch (③) to "DC" or "VIDEO" depending on the type of lens used.)

No.	DC	VIDEO	1 IRIS 3
1	CONTROL-	+9.4V (max. 50 mA)	
2	CONTROL+	N. C.	
3	DRIVE+	VIDEO	
4	DRIVE-	GND	2 4

#### ® B/W Fix terminal/Mode Selection terminal

This terminal can be used as a B/W Fix terminal and also as a Mode Selection terminal that enables the dynamic switching of OSD settings. The mode selection setting needs to be adjusted beforehand on the OSD setting screen. The picture mode can be fixed at B/W by shorting the two contacts on the B/W Fix terminal. (See the back side of the camera on page 3.) Fixing the picture mode at B/W can prevent the picture from having a phenomenon in which continuous switching occurs between the color mode and B/W mode under infrared illumination. The Mode Selection terminal allows switching between Profile 1/Profile 2 selected on the OSD screen.

#### **CAUTION**

When using infrared illumination, make sure to adjust the focal point of the lens in color mode.

If excessive infrared illumination causes the phenomenon above, set the picture mode at B/W using the BW Fix terminal.

#### 

The RS485 communication function enables remote operation of the OSD function.

\* For initial settings of the camera for RS485 communication, please see "RS485 Menu" of the separate "OSD Operation Manual."

#### When connecting to a terminal

While connecting a shielded twisted pair cable to a terminal [B/W Fix terminal, Communication terminal (AWG22-26)], peel off the cable by 9 mm from the end.



① Termination resistance switch (with communication function)



During the RS485 communication connection, turn on the termination resistance switch of the camera connected at the end of the cable, and turn off all other switches. Adjust the characteristic impedance of the cable used to the same level as that of the termination resistance (120  $\Omega$ ).

# ① Video output terminal (ZC-NX270PU, ZC-NXW270PU)

Connected to the NVT Receiver using a UTP cable (AWG 22 to 24).

#### ① UTP/BNC video output select switch (ZC-NX270PU, ZC-NXW270PU)

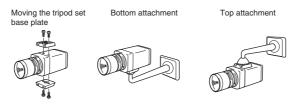
For switching the video output.

- When I use video output connector (⑤), please set it in BNC.
- When I use video-out (<sup>(1)</sup>), please set it in UTP.



#### **CAMERA MOUNTING**

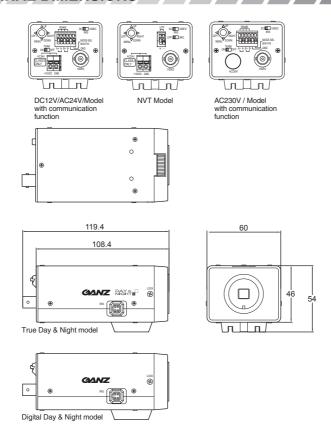
The camera can be attached to a tripod, fixer or other mounting device from either the top or bottom side by using the mounting screw holes (1/4-inch, 20 UNC) of the tripod set base plate. The tripod set base plate can be moved by first removing the two screws and then attaching the base plate to the top or bottom.



#### CAUTION:

Use of longer screws can damage the camera and use of shorter screws can result in falling.

#### **EXTERNAL DIMENSIONS**



### MODEL DESCRIPTION

ZC-NXW270PER

R; RS-485 Communication (Manufacturer's Option)

E; AC230V, U; UTP (Un-shield Twisted Pair cable) or None; DC12V / AC24V

W; WDR (Wide Dynamic Range) or None; EDR (Extended Dynamic Range)

N; True Day/Night or Y; Digital Day/Night

ZC-YX270P

; EDR. Digital Day/Night

ZC-YX270P ; EDR, Digital Day/Night ZC-YXW270P ; WDR, Digital Day/Night ZC-NX270P ; EDR, True Day/Night

# SPECIFICATIONS /

Model No.				Digital Day/Night model			True Day/Night model	
							ZC-NX270PE	
TV system			PAL					
Scanning system				1/0 +	2:1 Interlace	000		
Image sensor Effective pixels			1/3-type Interline transfer CCD					
Eπective pixels Scanning frequency			976 (H) × 582 (V)					
Video output			1.01//-	15.625kHz (H) / 50.0Hz (V) 1.0V (p-p) / 75Ω BNC 1.0V(p-p)/ 1.0V (p-p) / 75Ω				
			1.0V (p-	p) / 7512	75 Ω/UTP	1.0V (p-	p) / / 512	
Horizontal resolution			700 TVL					
Min. Illuminance	50IRE	SENS UP: OFF	0.3	3 lx (Color) / 0.03 lx	(B/W)	0.07 lx (Color) /	0.007 lx (B/W)	
F1.2 Night mode	30IRE	SENS UP: ON (x512) SENS UP: OFF		6 lx (Color) / 0.00006 lx 5 lx (Color) / 0.015 lx		0.00014 lx (Color) /	0.000015 lx (B/W) 0.0035 lx (B/W)	
AGC Extreme	JUINE	SENS UP: ON (x512)		3 lx (Color) / 0.00003 lx		0.00007 lx (Color) /		
S/N ratio		OLIVO OI . OIV (XOIZ)	More than 50dB (At AGC Off)					
Gamma characteris	tic				0.45			
Sync. System			+	Internal synch	ronization (INT.) / Li	ne Lock (L.L.)		
Electronic shutter			+		nutter ON: 1/50 s to			
				ıtter speed ranging f				
			1/50	sec. fixed (Flickerle			ON)	
Iris control DC IRIS				C-drive auto-iris len				
		AES	Fix	xed iris lens (1/50-1/			er)	
		AIC			c shutter and iris (1/			
		VIDEO IRIS			deo-drive auto-iris le			
			Vcc =	9.4 V DC, 50mA m		V (p-p) (high impeda	ance)	
Extended Dynamic			+		ON/OFF			
Backlight Compens	ation (BLC	)			ON / OFF			
White balance					ormal / Wide) / AWB			
SENS UP					Auto (x2 to x512) /			
Day/Night setting					to / Color Fix / B/W			
Noise Reduction (20	D/3D-DNR	)			eme / High / Middle /			
Electronic zoom					I (16 times max.) / C			
Defog					ge correction ON / 0			
Profile setting			st	tandard / high sensit			le	
AGC				ON (Extrer	ne / High / Middle / I	_ow) / OFF		
ALC				D-	-20 to +20			
HLC				De	tection level: 1-3 ste	ps		
Easy focus Privacy Mask				ONI /1C ===+	Enabled s max., 10 colors, m	:-\ / OFF		
Motion detection			+		reas. 6 (horizontal)			
Motion detection					reas. 6 (nonzoniai) ; I (minimum block), s			
Stabilizer			+	24 pixeis III tota	ON / OFF	erisitivity (1–10)		
Monitor output mode	Δ	-	+		CRT / LCD			
Communication fund			RS485 communication	n, half duplex (models		RS485 communication	n half dunley (mode	
O O TITITO A	011011		with communicati			with communicat		
Power source								
			24 V AC + 10%	1 230 V AC +10%	24 V AC + 10%	24 V AC + 10%		
			24 V AC ± 10% (50/60 Hz ± 1 Hz)	230 V AC ±10% (50Hz ± 1Hz)	24 V AC ± 10% (50/60 Hz ± 1 Hz)	24 V AC ± 10% (50/60 Hz ± 1 Hz)		
							230 V AC ±10%	
Power consumption	ı	12 V DC	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA		(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA	(50/60 Hz ± 1 Hz)	230 V AC ±10%	
	1	24 V AC	(50/60 Hz ± 1 Hz) or 12 V DC ± 10%	(50Hz ± 1Hz) - -	(50/60 Hz ± 1 Hz) or 12 V DC ± 10%	(50/60 Hz ± 1 Hz) or 12 V DC ± 10%	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption		24 V AC 230 V AC	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA	(50Hz ± 1Hz)  25mA, 3.6W	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	230 V AC ±10% (50Hz ± 1Hz)	
		24 V AC 230 V AC	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50Hz ± 1Hz)  25mA, 3.6W	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption	ure/humidi	24 V AC 230 V AC	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing)	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions	ure/humidi e/humidity	24 V AC 230 V AC	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit 0) x 54 (H) x 119.4 (E	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) b) mm	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions Weight	ure/humidi e/humidity s	24 V AC 230 V AC ty	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W) 600g	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g	230 V AC ±10% (50Hz ± 1Hz)	
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Power consumption  Operating temperature Storage temperature External dimensions Weight	ure/humidity s  Video ou Auto-iris	24 V AC 230 V AC by	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W	(50Hz ± 1Hz)  25mA, 3.6W  -10°C to +50°C, 8 -20°C to +60°C, 9 600 (W 600g NC 4P conne	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit 0) x 54 (H) x 119.4 (E 330g BNC / 2P terminal	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) 0) mm 320g BN quivalent)	230 V AC ±10% (50Hz ± 1Hz) - - 25mA, 3.6W	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris	24 V AC 230 V AC by	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g BN 2P screwless	(50Hz ± 1Hz)  - 25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit 1) x 54 (H) x 119.4 (I 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g BN quivalent) 2P screwless	230 V AC ±10% (50Hz ± 1Hz) - - 25mA, 3.6W	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris	24 V AC 230 V AC by	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W  320g BN 2P screwless terminal block	(50Hz ± 1Hz)  25mA, 3.6W  -10°C to +50°C, 8 -20°C to +60°C, 9 600 (W 600g NC 4P conne	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g BN quivalent) 2P screwless terminal block	230 V AC ±10% (50Hz ± 1Hz) - - 25mA, 3.6W	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris Power su	24 V AC 230 V AC by tput terminal ppply terminal	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 320g BN 2P screwless terminal block AWG16-24	(50Hz ± 1Hz)  - 25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 600g  NC 4P conne 2-core 2.0m cord	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W -5% or lower humidit 5% or lower humidit 5% or lower humidit 0 x 54 (H) x 119.4 (U 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W y (no condensing) y (no condensing) y) mm 320g EN quivalent) 2P screwless terminal block AWG16-24	230 V AC ±10% (50Hz ±1Hz) - 25mA, 3.6W 600g	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris Power su	24 V AC 230 V AC by  tput terminal terminal te-Fix terminal	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g BN 2P screwless terminal block AWG16-24 2P screwless termin	50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 0g  NC  4P conne 2-core 2.0m cord	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin	230 V AC ±10% (50Hz ± 1Hz) - - 25mA, 3.6W 600g IC 2-core 2.0m cor	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris Power su	24 V AC 230 V AC by tput terminal ppply terminal	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10/9 260mA 220mA, 3.1W	(50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 09  WC 4P conne 2-core 2.0m cord	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W -5% or lower humidit 5% or lower humidit 5% or lower humidit 0 x 54 (H) x 119.4 (U 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin	230 V AC ±10% (50Hz ±1Hz) - 25mA, 3.6W 600g IC 2-core 2.0m cor	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris Power su	24 V AC 230 V AC by  tput terminal terminal te-Fix terminal	(S0/60 Hz ± 1 Hz.) or 12 V DC ± 10% 260mA 220mA, 3.1W  320g BN 2P screwless terminal block AWG16-24 2P screwless terminal 26 (models with	(50Hz ± 1Hz)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W y (no condensing) y (no condensing) y) (no condensing) y) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 26 (models with	230 V AC ±10% (50Hz ±1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris : Power su  B/W Mod RS485 ou	24 V AC 230 V AC by  tiput terminal terminal ppply terminal te-Fix terminal terminal terminal	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g BN 2P screwless terminal block AWG16-24 2P screwless terminal 4P screwless terminal 60 (models with function)	50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 600g  NC  4P conne 2-core 2.0m cord  all block AWG22-26 inal block AWG22-communication n only)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 5% or lower humidit 5% or lower humidit 1) x 54 (H) x 119.4 (I 330g BNC / 2P terminal ctor (D4-157J-250/6 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless terminal 4P screwless terminal 4	230 V AC ±10% (50Hz ± 1Hz)  25mA, 3.6W  600g  IC  2-core 2.0m core al block AWG22- inal block AWG22- inal block AWG22- communication	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris Power su	24 V AC 230 V AC by  tiput terminal terminal ppply terminal te-Fix terminal terminal terminal	(S0/60 Hz ± 1 Hz.) or 12 V DC ± 10% 260mA 220mA, 3.1W  320g BN 2P screwless terminal block AWG16-24 2P screwless terminal 26 (models with	50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 600g  NC  4P conne 2-core 2.0m cord  all block AWG22-26 inal block AWG22-communication n only)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W  5% or lower humidit 5% or lower humidit 1) x 54 (H) x 119.4 (L 330g BNC / 2P terminal tor (D4-157J-250/e 2P screwless terminal block AWG16-24  - 2P screwless	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W y (no condensing) y (no condensing) y) (no condensing) y) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 26 (models with	230 V AC ±10% (50Hz ± 1Hz)  25mA, 3.6W  600g  IC  2-core 2.0m core al block AWG22- inal block AWG22- inal block AWG22- communication	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris : Power su  B/W Mod RS485 ou	24 V AC 230 V AC by  tiput terminal terminal ppply terminal te-Fix terminal terminal terminal	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g BN 2P screwless terminal block AWG16-24 2P screwless terminal 4P screwless terminal 60 (models with function)	50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 600g  NC  4P conne 2-core 2.0m cord  all block AWG22-26 inal block AWG22-communication n only)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W - 55% or lower humidit 55% or lower humidit 7) x 54 (H) x 119.4 (E 330g BNC / 2P terminal totr (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless terminal 4P screwless terminal 4	230 V AC ±10% (50Hz ± 1Hz)  25mA, 3.6W  600g  IC  2-core 2.0m core al block AWG22- inal block AWG22- inal block AWG22- communication	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video ou Auto-iris Power su  B/W Mod RS485 ou  UTP term	24 V AC 230 V AC by  tput terminal terminal terminal terminal terminal terminal terminal terminal terminal	(S0/60 Hz ± 1 Hz.) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g Bh 2P screwless terminal block AWC16-24 2P screwless terminal block AWC16-24 (models with function	(50Hz ± 1Hz)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 5% or lower humidit 5% or lower humidit 5% or lower humidit 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g Bh quivalent) 2P screwless terminal block AWG 16-24 2P screwless terminal 4P screwless terminal	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video ou Auto-iris i Power su  B/W Mod RS485 ou  UTP term	24 V AC 230 V AC by  tiput terminal terminal piply terminal e-Fix terminal minunication terminal	(S0/60 Hz ± 1 Hz.) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g Bh 2P screwless terminal block AWC16-24 2P screwless terminal block AWC16-24 (models with function	50Hz ± 1Hz)  25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 600g  NC  4P conne 2-core 2.0m cord  all block AWG22-26 inal block AWG22-communication n only)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W  5% or lower humidit 5% or lower humidit 1) x 54 (H) x 119.4 (L 330g BNC 7 2P terminal 10cc AWG16-24  2P screwless terminal block AWG16-24  2P screwless terminal block AWG42-26  chtact points (in 4 direction)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g Bh quivalent) 2P screwless terminal block AWG 16-24 2P screwless terminal 4P screwless terminal	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video our Auto-iris : Power su  B/W Mod RS485 ou  UTP term  OSD swiil Iris mode	24 V AC 230 V AC by  tput terminal terminal terminal terminal terminal terminal terminal terminal terminal	(S0/60 Hz ± 1 Hz.) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g Bh 2P screwless terminal block AWC16-24 2P screwless terminal block AWC16-24 (models with function	(50Hz ± 1Hz)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 5% or lower humidit 5% or lower humidit 5% or lower humidit 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W - y (no condensing) y (no condensing) )) mm 320g Bh quivalent) 2P screwless terminal block AWG 16-24 2P screwless terminal 4P screwless terminal	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video our Auto-iris : Power su  B/W Mod RS485 ou  UTP term  OSD swiil Iris mode	24 V AC 230 V AC by  tiput terminal terminal pommunication terminal pommunication terminal tich switching switch	(S0/60 Hz ± 1 Hz.) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g BN 2P screwless terminal block AWG16-24 2P screwless terminal 4P screwless termin 4P sc	(50Hz ± 1Hz)  - 25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g  4P conne 2-core 2.0m cord  all block AWG22-26 inal block AWG22-communication n only) - ton switch with 5 cord (models with	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W  5% or lower humidit 5% or lower humidit 1) x 54 (H) x 119.4 (L 330g BNC 7 2P terminal 10cc AWG16-24  2P screwless terminal block AWG16-24  2P screwless terminal block AWG42-26  chtact points (in 4 direction)	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W - y (no condensing) y (no condensing) y (no condensing) ) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 4P screwless termin 26 (models with functio	230 V AC ±10% (50Hz ± 1Hz)	
Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video ou Auto-iris : Power su  B/W Mod RS485 or  UTP term  OSD swill Iris mode Terminat	24 V AC 230 V AC by  tiput terminal terminal pommunication terminal pommunication terminal tich switching switch	(S0/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W 320g BN 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 4P screwless termin 56 (models with function  Push-butt Slide switch communication	(50Hz ± 1Hz)  - 25mA, 3.6W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g  4P conne 2-core 2.0m cord  all block AWG22-26 inal block AWG22-communication n only) - ton switch with 5 cord (models with	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 280mA 220mA, 3.1W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 [C 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	(50/60 Hz ± 1 Hz) or 12 V DC ± 10% 260mA 220mA, 3.1W - y (no condensing) y (no condensing) y (no condensing) ) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 4P screwless termin 4B screwless termin 5C (models with functions)	230 V AC ±10% (50Hz ± 1Hz)	

<sup>\*</sup> The specifications and/or appearance of the product may change without a prior notice.

W	DF	? tv	ре

Model No			Digital Day/Night model			True Day/N		
Model No.							ZC-NXW270PE	
TV system			PAL					
Scanning system			2:1 Interlace					
Image sensor			1/3-type Interline transfer CCD					
Effective pixels			976 (H) × 582 (V)					
Scanning frequency	1		15.625kHz (H) / 50.0Hz (V)					
Video output			1.0V (p	-p)/75Ω	BNC 1.0V(p-p)/ 75 Ω/UTP	1.0V (p-	-p)/75Ω	
Horizontal resolution	n				700 TVL			
Min. Illuminance	50IRE	SENS UP: OFF	0.3	3 lx (Color) / 0.03 lx	(B/W)	0.07 lx (Color) /	0.007 lx (B/W)	
F1.2		SENS UP: ON (x512)		6 lx (Color) / 0.00006 lx		0.00014 lx (Color) /		
Night mode	30IRE	SENS UP: OFF	0.15	5 lx (Color) / 0.015 lx	(B/W)		0.0035 lx (B/W)	
AGC Extreme		SENS UP: ON (x512)	0.0003 lx (Color) / 0.00003 lx (B/W) 0.00007 lx (Color) / 0.000007 lx (B				0.000007 lx (B/W)	
S/N ratio			More than 50dB (At AGC Off)					
Gamma characteris	tic		0.45					
Sync. System					ronization (INT.) / Li			
Electronic shutter				utter speed ranging f		,000 s can be set by		
Discount of		DO IDIO	1/50	sec. fixed (Flickerle			UN)	
Iris control		DC IRIS			C-drive auto-iris len			
AES		Fix	xed iris lens (1/50-1/			er)		
		AIC		*The WI	c shutter and iris (1/ DR mode is 1/50-1/5	500 sec.		
		VIDEO IRIS			deo-drive auto-iris le			
			Vcc =	9.4 V DC, 50mA m		V (p-p) (high impeda	ance)	
Wide Dynamic Rang					Max 82dB			
Backlight Compensa	ation (BLC)				ON / OFF			
White balance				ATW (No	ormal / Wide) / AWB	/ Manual		
SENS UP			1		Auto (x2 to x512) /			
Day/Night setting					to / Color Fix / B/W			
Noise Reduction (20	D/3D-DNR				eme / High / Middle /			
Electronic zoom			+		I (16 times max.) / C			
Defoq			+		ge correction ON / 0			
Profile setting				tandard / high sensit			le .	
AGC			+ 51		me / High / Middle /			
ALC			+	ON (EXIFE		LOW) OFF		
			-20 to +20					
HLC			+	De	tection level: 1-3 ste	ips		
Easy focus			1		Enabled	1110000		
Privacy Mask					s max., 10 colors, m			
Motion detection					reas. 6 (horizontal)			
				24 pixels in total	I (minimum block), s	ensitivity (1–10)		
Stabilizer					ON / OFF			
Monitor output mode					CRT / LCD			
Communication function			RS485 communication with communication	n, half duplex (models tion function only)	-	(models with commu	RS485 communication, half duplex (models with communication function only	
			24 V AC ± 10%	230 V AC ±10%	24 V AC ± 10%	24 V AC ± 10%	230 V AC ±10%	
Power source			(50/60 Hz ± 1 Hz)	(50Hz ± 1Hz)	(50/60 Hz ± 1 Hz)	(FO/CO II 4 II-)		
				(50112 ± 1112)		(50/60 Hz ± 1 Hz)	(50Hz ± 1Hz)	
			or 12 V DC ± 10%	(50112 ± 1112)	or 12 V DC ± 10%	or 12 V DC ± 10%		
	1	12 V DC	or 12 V DC ± 10% 310mA	-	or 12 V DC ± 10% 310mA	or 12 V DC ± 10% 310mA		
Power source	1	24 V AC	or 12 V DC ± 10%	-	or 12 V DC ± 10%	or 12 V DC ± 10%	(50Hz ± 1Hz)	
Power source	1		or 12 V DC ± 10% 310mA	- - 30mA, 5.1W	or 12 V DC ± 10% 310mA	or 12 V DC ± 10% 310mA		
Power source		24 V AC 230 V AC	or 12 V DC ± 10% 310mA	- - 30mA, 5.1W	or 12 V DC ± 10% 310mA	or 12 V DC ± 10% 310mA 250mA, 3.7W	(50Hz ± 1Hz)	
Power source Power consumption	ure/humidit	24 V AC 230 V AC	or 12 V DC ± 10% 310mA	30mA, 5.1W -10°C to +50°C, 8	or 12 V DC ± 10% 310mA 250mA, 3.7W	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing)	(50Hz ± 1Hz)	
Power source  Power consumption  Operating temperating temperature	ure/humidit e/humidity	24 V AC 230 V AC	or 12 V DC ± 10% 310mA	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing)	(50Hz ± 1Hz)	
Power source  Power consumption  Operating temperature Storage temperature External dimensions	ure/humidit e/humidity	24 V AC 230 V AC	or 12 V DC ± 10% 310mA 250mA, 3.7W	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) o) mm	(50Hz ± 1Hz)  30mA, 5.1W	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight	ure/humidit e/humidity s	24 V AC 230 V AC y	or 12 V DC ± 10% 310mA 250mA, 3.7W	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (D 330g	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing)	(50Hz ± 1Hz)  30mA, 5.1W	
Power source  Power consumption  Operating temperature Storage temperature External dimensions	ure/humidity e/humidity s Video out	24 V AC 230 V AC y	or 12 V DC ± 10% 310mA 250mA, 3.7W	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) 0) mm 320g	(50Hz ± 1Hz)  30mA, 5.1W	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t	24 V AC 230 V AC y put erminal	or 12 V DC ± 10% 310mA 250mA, 3.7W	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e	or 12 V DC ± 10% 310mA 250mA, 3.7W  y (no condensing) y (no condensing) y) mm 320g BN quivalent)	(50Hz ± 1Hz)  30mA, 5.1W  600g	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t	24 V AC 230 V AC y	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  BN 2P screwless terminal block	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit )x × 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) D) mm 320g Bh quivalent) 2P screwless terminal block	(50Hz ± 1Hz)  30mA, 5.1W	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t Power su	24 V AC 230 V AC y put erminal pply terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  BN 2P screwless terminal block AWG16-24	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC 4P connel 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W 5% or lower humidit ) x 54 (H) x 119.4 (L 330g BNC / 2P terminal tor (D4-157J-250/e 2P screwless	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) )) mm 320g Bh quivalent) 2P screwless terminal block AWG16-24	(50Hz ± 1Hz)  30mA, 5.1W  600g  IC  2-core 2.0m core	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t Power su	24 V AC 230 V AC y put erminal pply terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  Bh 2P screwless terminal block 4WG16-24 2P screwless terminal	- 30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC 4P conner 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit )x × 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block	or 12 V DC ± 10% 310mA 250mA, 3.7W  y (no condensing) y (no condensing) )) mm 320g  Quivalent) 2P screwless terminal block AWG16-24 2P screwless termin	(50Hz ± 1Hz)  30mA, 5.1W  600g  IC  2-core 2.0m corc	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t Power su	24 V AC 230 V AC y put erminal pply terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  BN 2P screwless terminal block AWG16-24 2P screwless terminal block AG16-24 2P screwless terminal block AG16-24	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g WC 4P conner 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit )x × 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) ) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin4 4P screwless termin4 2P grewless termin4 Pomodels with	(50Hz ± 1Hz)  30mA, 5.1W  600g  C  2-core 2.0m core all block AWG22-2 communication	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	vure/humidity s Video out Auto-iris t Power su  B/W Mod RS485 cc	24 V AC 230 V AC y  put  put  erminal  pply terminal  ep-Fix terminal  mmunication terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  BN 2P screwless terminal block AWG16-24 2P screwless terminal block AWG16-24 4P screwless terminal block	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g WC 4P conner 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W 5% or lower humidit 5% or lower humidit 9) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24	or 12 V DC ± 10% 310mA 250mA, 3.7W y (no condensing) y (no condensing) b) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin	(50Hz ± 1Hz)  30mA, 5.1W  600g  C  2-core 2.0m core all block AWG22-2 communication	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t Power su	24 V AC 230 V AC y  put  put  erminal  pply terminal  ep-Fix terminal  mmunication terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  BN 2P screwless terminal block AWG16-24 2P screwless terminal block AG16-24 2P screwless terminal block AG16-24	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g WC 4P conner 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W 	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) ) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin4 4P screwless termin4 2P grewless termin4 Pomodels with	(50Hz ± 1Hz)  30mA, 5.1W  600g  C  2-core 2.0m core all block AWG22-2 communication	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	vure/humidity s Video out Auto-iris t Power su  B/W Mod RS485 cc	24 V AC 230 V AC y  put  put  erminal  pply terminal  ep-Fix terminal  mmunication terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g  BN 2P screwless terminal block AWG16-24 2P screwless terminal block AG16-24 2P screwless terminal block AG16-24	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g WC 4P conner 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W - 5% or lower humidit 5% or lower humidit 5% or lower humidit 1) x 54 (H) x 119.4 (E) 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24 2P screwless terminal block	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) ) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin4 4P screwless termin4 2P grewless termin4 Pomodels with	(50Hz ± 1Hz)  30mA, 5.1W  600g  C  2-core 2.0m core all block AWG22-2 communication	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video out Auto-iris t Power su  B/W Mod RS485 cc	24 V AC 230 V AC y  put  put  erminal  poply terminal  ep-Fix terminal  mmunication terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g BN 2P screwless terminal block AWG16-24 2P screwless terminal block AWG16-24 (Fractional block) AWG16-24 (Fractional block) AWG16-24 (Fractional block) AWG16-24 (Fractional block)	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC 4P conne 2-core 2.0m cord lal block AWG22-26 inal block AWG22-communication in only)	or 12 V DC ± 10% 310mA 250mA, 3.7W  5% or lower humidit 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24  2P screwless terminal block AWG22-26	or 12 V DC ± 10% 310mA 250mA, 3.7W  y (no condensing) y (no condensing) y) mm 320g BN quivalent) 2P screwless terminal block AWG 16-24 2P screwless terminal very average for the service of the service	(50Hz ± 1Hz)  30mA, 5.1W  600g IC  2-core 2.0m core al block AWG22-2 communication n only)	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output	ure/humidity s  Video out Auto-iris t Power su  B/W Mod RS485 cc  UTP term  OSD swit	24 V AC 230 V AC y  put erminal poply terminal e-Fix terminal mmunication terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g BN 2P screwless terminal block AWG16-24 2P screwless terminal block AWG16-24 (Fractional block) AWG16-24 (Fractional block) AWG16-24 (Fractional block) AWG16-24 (Fractional block)	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g WC 4P conner 2-core 2.0m cord	or 12 V DC ± 10% 310mA 250mA, 3.7W  55% or lower humidit 55% or lower humidit 57% or lower hu	or 12 V DC ± 10% 310mA 250mA, 3.7W  y (no condensing) y (no condensing) y) mm 320g BN quivalent) 2P screwless terminal block AWG 16-24 2P screwless terminal very average for the service of the service	(50Hz ± 1Hz)  30mA, 5.1W  600g IC  2-core 2.0m core al block AWG22-2 communication n only)	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video out Auto-iris t Power su  B/W Mod RS485 cc  UTP term  OSD swit Iris mode	24 V AC 230 V AC y  put  put  put  priminal  poply terminal  mmunication terminal  inal  ch  switching switch	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g BN 2P screwless terminal block AWG16-24 2P screwless termir 4P screwless termir	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC 4P connel 2-core 2.0m cord inal block AWG22-26 inal block AWG22-10 communication in only)	or 12 V DC ± 10% 310mA 250mA, 3.7W  5% or lower humidit 5% or lower humidit 5% or lower humidit ) x 54 (H) x 119.4 (E 330g BNC / 2P terminal ctor (D4-157J-250/e 2P screwless terminal block AWG16-24  2P screwless terminal block AWG22-26	or 12 V DC ± 10% 310mA 250mA, 3.7W y (no condensing) y (no condensing) y) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 4P screwless termin 4P screwless termin 4D screwless	(50Hz ± 1Hz)  30mA, 5.1W  600g IC  2-core 2.0m core al block AWG22-2 nal block AWG22-2 communication n only)  tral point)	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video out Auto-iris t Power su  B/W Mod RS485 cc  UTP term  OSD swit Iris mode	24 V AC 230 V AC y  put erminal poply terminal e-Fix terminal mmunication terminal	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g BN 2P screwless terminal block AWG16-24 2P screwless terminal block AWG16-24 Companies terminal block AWG16-24 Sorewless terminal block Sorewless terminal block AWG16-24 Sorewless terminal block Sorewless terminal block AWG16-24 Sorewless terminal block Sor	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC 4P conne 2-core 2.0m cord lal block AWG22-26 inal block AWG22-communication in only) ton switch with 5 cor (models with	or 12 V DC ± 10% 310mA 250mA, 3.7W  55% or lower humidit 55% or lower humidit 57% or lower hu	or 12 V DC ± 10% 310mA 250mA, 3.7W - y (no condensing) y (no condensing) y (no condensing) ) mm 320g BN quivalent) 2P screwless terminal block AWG 16-24 2P screwless terminal very screwless terminal	(50Hz ± 1Hz)	
Power source  Power consumption  Operating temperature Storage temperature External dimensions Weight Input/Output terminals	ure/humidity s  Video out Auto-iris t Power su  B/W Mod RS485 cc  UTP term  OSD swit Iris mode Terminati	24 V AC 230 V AC y  put  put  put  priminal  poply terminal  mmunication terminal  inal  ch  switching switch	or 12 V DC ± 10% 310mA 250mA, 3.7W  320g BN 2P screwless terminal block AWG16-24 2P screwless termir 4P screwless termir	30mA, 5.1W -10°C to +50°C, 8 -20°C to +60°C, 9 60 (W 600g NC 4P conne 2-core 2.0m cord lal block AWG22-26 inal block AWG22-communication in only) ton switch with 5 cor (models with	or 12 V DC ± 10% 310mA 250mA, 3.7W  55% or lower humidit 55% or lower humidit 57% or lower hu	or 12 V DC ± 10% 310mA 250mA, 3.7W y (no condensing) y (no condensing) y) mm 320g BN quivalent) 2P screwless terminal block AWG16-24 2P screwless termin 4P screwless termin 4P screwless termin 4P screwless termin 4D screwless	(50Hz ± 1Hz)	

<sup>\*</sup> The specifications and/or appearance of the product may change without a prior notice.

