

UV-XVR-104G3

Video recorder 5n1

Uniarch

4 CH HDTV / HDCVI / AHD / CVBS

+ 2 extra IP

Audio

Supports 1 hard disk



Uniarch

DVR 5n1

4 BNC video CH (IP-replaceable)

AHD, TVI, CVI, CVBS, CVBS

48 Mbps bandwidth supported

Maximum IP resolution 4 Mpx

Maximum analog resolution 5 Mpx

Audio

HDMI and VGA output

RS485

2 x USB 2.0

Mouse

Space for 1 HDD up to 8 TB

WEB, CMS, Smartphone and NVR interface

ONVIF Compatible

Specifications

Brand	Uniarch
Video format	HDTVI / HDCVI / AHD / CVBS / IP
Video inputs	4CH BNC
Hybrid configuration	Up to 6 IP Channels (4Mpx) replacing all the BNC channels
Video outputs	1 HDMI Full HD, 1 VGA
Audio inputs	1 Channel RCA
Audio outputs	1 Channel RCA
Bidirectional audio	Reusing the audio input/output
Display resolution	1920x1080@60Hz, 1920x1080@50Hz, 1600x1200@60Hz, 1280x1024@60Hz, 1280x720@60Hz, 1024x768@60Hz
Maximum IP recording resolution	4 Mpx
Analog cameras supported	TVI / AHD: 5MP@20fps, 4MP@30fps, 1080P@30fps, 720P@60fps CVI: 5MP@20fps, 4MP@30fps, 1080P@30fps, 720P@30fps
Main Stream recording encoding	5MPLite@12fps; 4MPLite@15fps; 1080P@15FPS; 720P@25FPS
Extra Stream recording encoding	D1@12FPS; D1@15FPS; D1@25FPS
Recording method	Manual, programmed, motion detection
Internal memory	1 HDD SATA 3.5" of up to 8TB (not included)
External interface	2 x USB (Mouse and backup) / RJ45 10M/100M/1000M (Ethernet) / RS485
Remote access	Web Browser, CMS Software (EZStation), Smartphone (EZView/EZLive)
Power	DC 12V / 8W
Dimensions / Weight	260mm x 218mm x 47mm / 1.1 kg

CCTV Analógico / HD 4n1 / Cameras

SF-T941A-5P4N1

High Resolution 4N1 Camera with Audio

High Resolution PRO Series | Audio Solution

The higher resolution of 5Mpx provides a significant improvement in the level of detail when identifying the events collected in the recordings. Good sharpness and definition during the day and high performance at night, highlighting its sensitivity of 0.01Lux and its Smart Matrix IR LEDs with improved coverage and automatic adjustment. Integrated microphone that transmits audio over the coaxial cable itself.

- 5 Megapíxel Resolution
- High Performance CMOS Sensor
- 3.6 mm Fixed Lens
- Smart IR Up to 30 m
- Built-in Mic Audio over Coaxial
- Digital WDR | 2D DNR
- IP67 Weatherproof



Technical Specification

Image Sensor	5 MP CMOS
Max. Resolution	2560 (H) × 1944 (V)
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
Shutter Time	PAL: 1/25 s to 1/50, 000 s NTSC: 1/30 s to 1/50, 000 s
Day & Night	ICR
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°
Signal System	PAL/NTSC
Lens Type	3.6 mm fixed lens
Focal Length & FOV	3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9°
Lens Mount	M12
Image Parameters Switch	STD/HIGH-SAT
Image Settings	Brightness, Sharpness, Mirror, Smart IR
Frame Rate	TVI: 5MP@20fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps CVI: 4MP@30fps, 4MP@25fps AHD: 5MP@20fps, 4MP@30fps, 4MP@25fps CVBS: PAL/NTSC
Day/Night Mode	Auto/Color/BW (Black and White)
Wide Dynamic Range (WDR)	Digital WDR
White Balance	ATW/MANUAL
AGC	Support
Video Output	Switchable TVI/AHD/CVI/CVBS
Material	Metal
Dimension	82.6 mm × 90 mm × 79.37 mm (3.25" × 3.54" × 3.12") Approx. 289.5 g (0.64 lb.)
Operating Condition	-40° C to 60° C (-40° F to 140° F), Humidity 90% or less (no condensation)
Communication	Safire-C
Language	English
Power Supply	12 VDC ± 25% *You are recommended to use one power adapter to supply the power for one camera.
Consumption	Max. 3.7 W
IR Range	Up to 30 m
Protection	IP67

CCTV Analógico / HD 4n1 / Cameras

SF-B022A-5P4N1

High Resolution 4N1 Camera with Audio

High Resolution PRO Series | Audio Solution

The higher resolution of 5Mpx provides a significant improvement in the level of detail when identifying the events collected in the recordings. Good sharpness and definition during the day and high performance at night, highlighting its sensitivity of 0.01Lux and its Smart Matrix IR LEDs with improved coverage and automatic adjustment. Integrated microphone that transmits audio over the coaxial cable itself.

- 5 Megapíxel Resolution
- High Performance CMOS Sensor
- 3.6 mm Fixed Lens
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Technical Specification

Image Sensor	5 MP CMOS
Max. Resolution	2560 (H) × 1944 (V)
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
Shutter Time	PAL: 1/25 s to 1/50, 000 s NTSC: 1/30 s to 1/50, 000 s
Day & Night	ICR
Angle Adjustment	Pan: 0 to 355°, Tilt: 0 to 75°, Rotation 0 to 355°
Signal System	PAL/NTSC
Lens Type	3.6 mm fixed lens
Focal Length & FOV	horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9°
Lens Mount	M12
Image Settings	Brightness, Sharpness, Mirror, Smart IR
Frame Rate	TVI: 5MP@20fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps CVI: 4MP@30fps, 4MP@25fps AHD: 5MP@20fps, 4MP@30fps, 4MP@25fps CVBS: PAL/NTSC
Day/Night Mode	Auto/Color/BW (Black and White)
Image Enhancement	BLC
White Balance	ATW/MANUAL
AGC	Support
Video Output	Switchable TVI/AHD/CVI/CVBS
Material	Metal
Dimension	58 mm × 61 mm × 158.6 mm (2.28" × 2.40" × 6.42") Approx. 292 g (0.64 lb.)
Operating Condition	-40° C to 60° C (-40° F to 140° F), Humidity 90% or less (no condensation)
Communication	Safire-C
Language	English
Power Supply	12 VDC ± 25% *You are recommended to use one power adapter to supply the power for one camera.
Consumption	Max. 3.7 W
IR Range	Up to 30 m
Protection	IP67



WD Purple™

Surveillance Hard Drives

WD Purple™ drives are built for 24/7, always-on, high-definition security systems. With a supported workload rate* of up to 180 TB/yr and support for up to 64 cameras, WD Purple™ drives are optimized for surveillance systems. WD Purple™ surveillance storage also comes with WD's exclusive AllFrame 4K™ technology, so you can confidently create a security system tailored to the needs of your business. Using AllFrame 4K™ technology, WD Purple™ drives improve ATA streaming to help reduce errors, pixelation, and video interruptions that could happen in a video recorder system.



INTERFACE

SATA 6 Gb/s

FORM FACTOR

3.5-inch

PERFORMANCE CLASS

5400 RPM Class

CAPACITIES

500GB to 10TB

MODEL NUMBERS

WD100PURZ	WD30PURX
WD80PUZX	WD20PURX
WD60PURX	WD10PURX
WD50PURX	WD05PURX
WD40PURX	

Product Features

The right drive for the right job

WD Purple™ drives have been engineered specifically for surveillance, so they're able to withstand the extreme heat fluctuations and equipment vibrations within a NVR environment. An average desktop drive is built to run for only short intervals, not the harsh 24/7 always-on environment of a high-definition surveillance system. A disruption to a drive could result in a failure that impacts multiple users, your security archive, or even the entire system. With WD Purple™, you get reliable, surveillance-class storage that's tested for compatibility in a wide-range of security systems.

Industry-leading storage. Surveillance you can trust.

WD is a worldwide leader in the hard drive industry. With WD Purple™ surveillance storage, you have a drive engineered for high temperature, always-on surveillance systems so you can rely on quality video playback when you need it most. Whether you're protecting loved ones or monitoring your business, WD Purple™ offers performance you can trust.

Wide compatibility. Seamless integration.

WD Purple™ hard drives are built with compatibility in mind, so you can quickly and seamlessly add capacity to your surveillance system. With a wide range of industry-leading enclosures and chipsets supported, you're sure to find the DVR configuration that's right for you.**

**Not sure what drive is best for your system? Use our compatibility tool to find the perfect storage for your DVR or NVR.

Expand your view to 64

Each WD Purple™ drive is optimized to support up to 64 cameras. With so many options, you have the flexibility to upgrade or expand your security system in the future

Trust your view with AllFrame 4K™

Missed frames and lost footage could be a serious problem when video surveillance needs to be retrieved. All WD Purple™ drives are equipped with AllFrame 4K™ technology, which improves ATA streaming to help reduce frame loss, improve overall

video playback, and increase the number of hard drive bays supported within a NVR.

Features:

- Engineered specifically for surveillance security systems.
- Three times the workload rating of our desktop hard drives*.
- Tuned for write-intensive, low bit-rate, high stream-count applications typical to most surveillance applications.
- Prioritized write-operations for maximized surveillance performance.
- TLER & ATA streaming support.
- Support for more than eight bays.***

*Workload Rate is defined as the amount of user data transferred to or from the hard drive. Workload Rate is annualized (TB transferred X(8760 / recorded power-on hours)). Workload Rate will vary depending on your hardware and software components and configurations.

***For capacities 4TB and higher.

Less power. More efficient.

Low power consumption is a necessity in a high-temperature, always-on surveillance environment. With our exclusive IntelliSeek™ technology, WD Purple™ drives are able to calculate optimum seek speeds. This keeps power consumption low so ambient noise and vibrations are at a minimum.

Three year limited-warranty

As an industry-leading hard drive manufacturer, WD stands behind their surveillance storage solutions. With a 3-year limited warranty included with every WD Purple™ drive, you can rely on your surveillance system's data storage capabilities.

The WD Advantage

At WD, we put our products through extensive Functional Integrity Testing (F.I.T.™) prior to any product launch. This testing ensures our products consistently meet the high quality and reliability standards of the WD brand. WD also has a detailed Knowledge Base with more than 1,000 helpful articles as well as helpful software and utilities. Our customer support lines have long operational hours to ensure you get the help you need when you need it. Our toll-free customer support lines are here to help or you can access our WD Support site for additional details.



Specifications	10TB	8TB	6TB	5TB	4TB	3TB	2TB
Model number ¹	WD10oPURZ	WD8oPUZX	WD6oPURX	WD5oPURX	WD4oPURX	WD3oPURX	WD2oPURX
Formatted capacity ²	10TB	8TB	6TB	5TB	4TB	3TB	2TB
Form factor	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch
Advanced Format (AF)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RoHS compliant ³	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Performance							
Interface transfer rate (max) ² Buffer to host Host to/from drive (sustained)	6 Gb/s 210 MB/s	6 Gb/s 178 MB/s	6 Gb/s 175 MB/s	6 Gb/s 170 MB/s	6 Gb/s 150 MB/s	6 Gb/s 145 MB/s	6 Gb/s 145 MB/s
Cache (MB) ²	256	128	64	64	64	64	64
Performance Class	5400 RPM Class	5400 RPM Class	5400 RPM Class	5400 RPM Class	5400 RPM Class	5400 RPM Class	5400 RPM Class
Reliability/Data Integrity							
Load/unload cycles ⁴	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Non-recoverable read errors per bits read	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴	<1 in 10 ¹⁴
Limited warranty (years) ⁵	3	3	3	3	3	3	3
Power Management							
Average power requirements (W) Read/Write Idle Standby and Sleep	6.2 5.0 0.5	6.4 5.7 0.7	5.3 4.9 0.4	5.3 4.9 0.4	5.1 4.5 0.4	4.4 4.1 0.4	4.4 4.1 0.4
Environmental Specifications							
Temperature (°C, on the base casting) Operating Non-operating	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70
Shock (Gs) Operating (2 ms, read/write) Operating (2 ms, read) Non-operating (2 ms)	30 65 250	30 65 250	30 65 250	30 65 250	30 65 250	30 65 250	30 65 250
Acoustics (dBA) ⁷ Idle Seek (average)	20 29	20 29	25 26	25 26	25 26	23 24	23 24
Physical Dimensions							
Height (in./mm, max)	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1
Length (in./mm, max)	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147
Width (in./mm, ± .01 in.)	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6
Weight (lb/kg, ± 10%)	1.43/0.65	1.43/0.65	1.65/0.75	1.65/0.75	1.50/0.68	1.40/0.64	1.40/0.64

¹ Not all products may be available in all regions of the world.

² As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabyte (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second. Effective maximum SATA 6 Gb/s transfer rate calculated according to the Serial ATA specification published by the SATA-IO organization as of the date of this specification sheet. Visit www.sata-io.org for details.

³ WD hard drive products manufactured and sold worldwide after June 8, 2011, meet or exceed Restriction of Hazardous Substances (RoHS) compliance requirements as mandated by the RoHS Directive 2011/65/EU.

⁴ Controlled unload at ambient condition.

⁵ See <http://support.wd.com/warranty> for regional specific warranty details.

⁶ No non-recoverable errors during operating tests or after non-operating tests.

⁷ Sound power level.



Specifications	1TB	500GB
Model number ¹	WD10PURX	WD05PURX
Formatted capacity ²	1TB	500GB
Form factor	3.5-inch	3.5-inch
Advanced Format (AF)	Yes	Yes
RoHS compliant ³	Yes	Yes
Performance		
Interface transfer rate (max) ²		
Buffer to host	6 Gb/s	6 Gb/s
Host to/from drive (sustained)	110 MB/s	110 MB/s
Cache (MB) ²	64	64
Performance Class	5400 RPM Class	5400 RPM Class
Reliability/Data Integrity		
Load/unload cycles ⁴	300,000	300,000
Non-recoverable read errors per bits read	<1 in 10 ¹⁴	<1 in 10 ¹⁴
Limited warranty (years) ⁵	3	3
Power Management		
Average power requirements (W)		
Read/Write	3.3	3.3
Idle	2.9	2.9
Standby and Sleep	0.4	0.4
Environmental Specifications		
Temperature (°C, on the base casting)		
Operating	0 to 65	0 to 65
Non-operating	-40 to 70	-40 to 70
Shock (Gs)		
Operating (2 ms, read/write)	30	30
Operating (2 ms, read)	65	65
Non-operating (2 ms)	350	350
Acoustics (dBA) ⁷		
Idle	21	21
Seek (average)	22	22
Physical Dimensions		
Height (in./mm, max)	1.028/26.1	1.028/26.1
Length (in./mm, max)	5.787/147	5.787/147
Width (in./mm, ± .01 in.)	4/101.6	4/101.6
Weight (lb/kg, ± 10%)	0.99/0.45	0.99/0.45

¹ Not all products may be available in all regions of the world.

² As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabyte (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second. Effective maximum SATA 6 Gb/s transfer rate calculated according to the Serial ATA specification published by the SATA-IO organization as of the date of this specification sheet. Visit www.sata-io.org for details.

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⁴ Controlled unload at ambient condition.

⁵ See <http://support.wd.com/warranty> for regional specific warranty details.

⁶ No non-recoverable errors during operating tests or after non-operating tests.

⁷ Sound power level.

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For service and literature:

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00800.27549338 Europe
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Africa



CAN ICES-3 (B) / NMB-3 (B)

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DC12V5A-4

Fuente de alimentación conmutada

Salida DC 12 V 5 A

4 salidas por terminales +/-

Protección por fusible 2A

164 (Fo) x 37 (Al) x 55 (An) mm

280 g



Fuente de Alimentación Conmutada (Transformador)

Salida DC 12 V / 5 A

4 salidas por terminales +/-

Protección por fusible 2A

Cable a enchufe incluido

Permite alimentar de 1 hasta 4 dispositivos simultáneamente

Specifications

Entrada de alimentación	AC 90/264 V
Salida de alimentación	DC 12 V 5 A
Número de salidas	4 por terminales +/-
Dimensiones	164 (Fo) x 37 (Al) x 55 (An) mm
Peso	280 g