User Manual

Code: HDD-WD30PURZ

HDD FOR DVR **HDD-WD30PURZ** 3TB 24/7 WESTERN DIGITAL

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.
Only persons who read the user manual may use the device.
The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.
The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.
If the product has defects, it should not be used until it is repaired.
The product is intended for use at home and commercial use and may not be used for other than intended use.
The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.
The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:
1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:
Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.
The device must be secured against contact with caustic, staining and viscous fluids.



All WD Purple surveillance-class 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 drives bays supported within a NVR. The drives support workload rate even up to 180 TB per year - three times higher in comparison with standard drives suitable for desktop computers. These drives are dedicated to HD video recording continuously in 24/7 mode and have reduced energy consumption. Serial ATA interface connection.

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Capacity:	3 TB
Interface:	Serial ATA/600
Spindle speed:	5400 RPM
Size format:	3.5 "
Cache memory:	64 MB
Technology:	• NCQ - Native Command Queuing • Allframe 4K - Reducing video frame "loss" phenomenon • IntelliSeek - reduce damaging ambient noise and vibrations • Enhanced Workload Rating Increased hard drive workload rate - even up to 180 TB per year
Designed to continuous operation 24/7:	✔
Weight:	0.630 kg
Manufacturer / Brand:	WESTERN DIGITAL
Guarantee:	**3 years**

Connectors:



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The Western Digital drives marked PURZ are designed to work in video surveillance systems. Its design allows for error-free recording of several Full HD streams in 24/7 mode.

Memory storage for video recording:

Cameras amount	Main stream	Disk usage	Disk usage	1TB	2TB	3TB	4TB
pcs	kb/s	MB/h	GB/24h	Number of days	Number of days	Number of days	Number of days
1	750	329,6	7,7	120,5	241,0	361,6	482,2
1	1000	439,5	10,3	90,4	180,8	271,2	361,7
1	2000	878,9	20,6	45,2	90,4	135,6	180,8
1	2500	1098	25,7	36,2	72,3	108,5	144,7
1	3000	1318	30,9	30,1	60,3	90,4	120,6
1	4000	1757	41,2	22,6	45,2	67,8	90,4
1	5000	2197	51,5	18,1	36,2	54,2	72,3
1	6000	2636	61,8	15,1	30,1	45,2	60,3
1	8000	3515	82,4	11,3	22,6	33,9	45,2
1	3000	1318	30,9	30,1	60,3	90,4	120,6
2	3000 x 2	2636	61,8	15,1	30,1	45,2	60,3
3	3000 x 3	3955	92,7	10,0	20,1	30,1	40,2
4	3000 x 4	5273	123,6	7,5	15,1	22,6	30,1

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6	3000 x 6	7910	185,4	5,0	10,0	15,1	20,1
8	3000 x 8	10546	247,2	3,8	7,5	11,3	15,1
10	3000 x 10	13183	309,0	3,0	6,0	9,0	12,1
12	3000 x 12	15820	370,8	2,5	5,0	7,5	10
16	3000 x 16	21093	494,4	1,9	3,8	5,6	7,5
20	3000 x 20	26367	618,0	1,5	3,0	4,5	6,0
25	3000 x 25	32959	772,5	1,2	2,4	3,6	4,8
32	3000 x 32	42187	988,8	0,94	1,88	2,82	3,77
64	3000 x 64	84375	1977	0,47	0,94	1,41	1,88

PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg

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