PRYNTEC

INTELLIGENT VIDEO SYSTEMS

DIGIPRYN®
Range

INTEROPERABLE VIDEO RECORDING SOLUTIONS

MULTI-BRANDS / MULTI-ANALYSIS

DIGIPRYN ® RANGE

MUCH MORE THAN JUST A VIDEO RECORDER

The Digipryn® range is an interoperable, multi-brand and multi-analysis video recording solution.

This all-in-one recorder meets your security needs with its intuitive and ergonomic interface.

Compatible with many functions and options, Digipryn® makes you benefit from a tool that is both simple and effective in terms of image processing.

To meet the needs of professionals, Digipryn® exists in software and hardware versions.

INNOVATION   MADE IN FRANCE

Digipryn® Software

Digipryn® Hardware

Rack 3U   Rack 4U

DIGIPRYN ®V8 *Software*

FUNCTIONALITIES

Calculation power	P = 4	P = 8	P = 13	P = 18	P = 26
Examples of INTEL references	G1850, G4920, N4200, NUC7i3	i3-7100, G5400, NUC8i3	i5-7600, i3-9100	i7-7700(K), i5-9400	I7-8700, i7-10700K, i9-10900K
Nb of cameras (*) / Nb FPS (maximum)	8 / 200 fps	32 / 800 fps	64 / 1600 fps	128 / 3200 fps	128 / 3200 fps
RAM memory (minimum)	4Go	8Go	8Go	16Go	16Go
Total video stream bandwidth (maximum recommended)	70Mbits/s	150Mbits/s	300Mbits/s	400Mbits/s	500Mbits/s
Recording rate (maximum recommended)	8Mo/s	15Mo/s	30Mo/s	40Mo/s	50Mo/s
Camera resolution (maximum recommended)	Total : **70 Mpixels** *ex: 8 cam x 8 Mpixels*	Total : **150 Mpixels** *ex: 30 cam x 5 MPixels*	Total : **300 MPixels** *ex: 60 cam x 5 MPixels*	Total max : **400 MPixels** *ex: 100 cam x 4 MPixels*	Total : **500 MPixels** *ex: 128 cam x 4 MPixels*
RTSP transmission (cameras + 1080p25 monitor)	8 cameras + 1 RTSP monitor	32 cameras + 1 RTSP monitor	64 cameras + 2 RTSP monitors	128 cameras + 3 RTSP monitors	128 cameras + 4 RTSP monitors
Remote transmission (Prynpocket, Prynpad, Prynvision)	Max 8 transcoded streams limited to 5MBits/s in total	Max 32 transcoded streams limited to 10MBits/s in total	Max 64 transcoded streams limited to 20MBits/s in total	Max 128 transcoded streams limited to 30MBits/s in total	Max 128 transcoded streams limited to 40MBits/s in total
Local display, multivision (Intel GPU)	1x HDMI/ VGA 1080p25, x1..x8 video Multistream*	1x HDMI/ VGA 1080p25, x1..x32 video Multistream*	2x HDMI/ VGA 1080p25, x1..x36 video Multistream*	3x HDMI/ VGA 1080p25, x1..x36 video Multistream*	3x HDMI/ VGA 1080p25, x1..x36 video Multistream*
Cumulative integrated image processing: Anti-sabotage/ IR cam intrusion/ Thermal intrusion/ High speed ANPR	8 / 1 / 3 / 1	32 / 2 / 6 / 1	64 / 4 / 12 / 2	100 / 8 / 16 / 6	128 / 12 / 24 / 12

* Example per camera: Stream 1 = maximum resolution <20MPixels ; Stream 2 = 720p 25fps ; Stream 3 = 360p 25fps

PREREQUISITES

- Minimum disk space for installation and configuration: 1GB free or more.

- System partition C: recommended on flash drive: 64GB minimum, Windows 10 LTSB 2016, LTSC 2019 or Windows Server 2016 or 2019.

- Video surveillance hard drive (24/7), examples: Western Digital Purple or Seagate SkyHawk.

- Storage volume: use Pryncalc (https://pryntec.fr/pryncalc/), example: recording 1 camera Full HD 25ips, 5MBits/s, GopSize = 1 second, H.264, H.265, 12h/day - 700GB for 30 days

- Recommendation: 12 cameras per disk, maximum 16 in order to limit wear and tear and to guarantee a smooth replay of the recordings in parallel.

- For an optimal functioning of Digipryn, it is recommended to activate or deactivate certain services and to modify parameters of the operating system. Contact us for more details.

DIGIPRYN®V8 *Hardware*

FUNCTIONALITIES

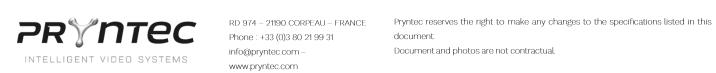| Références *	D3U-N008DXXP04	D3U-N032DXXP08	D4U-N064DXXP13	D4U-N128DXXP26
Calculation power	P = 4	P = 8	P = 13	P = 26
Types	3U		4U	
Technology	Full IP			
Channels number	Up to 8	Up to 32	Up to 64	Up to 128
RAM	8 Go		16 Go	
Max. Number of discs	4 x HDD 3.5"		10 x HDD 3.5"	
Network interface	2x 1 Gbits/s			
USB	2 front + 2 back			
Operating system	Windows 10 (enterprise) on NVME 128 Go			
Max. Electricity consumption	95w		200w	
Dimensions in mm	438 x320 x132		480 x427 x176	
Weight	9kg		25kg	
Material warranty	2 years			
Certifications	CE			

* Without disc and without activated channel

FUNCTIONALITIES

Références*	D3U-N008D04P04	D3U-N032D16P08	D3U-H032D16P08	D3U-N064D32P13	D4U-H064D32P13	D4U-N064D32P13	D4U-N128D48P26
Calculation power	P = 4	P = 8		P = 13			P = 26
Types	3U				4U		
Technology	Full IP		Hybride	Full IP		Hybride	Full IP
Channels number	Up to 8	Up to 32		Up to 64			Up to 128
RAM	8 Go			16 Go			
Total discs capacity	4 To	16 To		32 To			64 To
Disc types	Internal				Extractibles		
Network Interface	2x 1 Gbits/s						
USB	2 front + 2 back						
Operating system	Windows 10 (enterprise) on NVME 128 Go						
Max. electricity consumption	95w				200w		
Dimensions in mm	438 x320 x132				480 x427 x176		
Weight	9kg				25kg		
Material warranty	2 years						
Certifications	CE						

* Hardware and Software with discs and activated channels