

PRYntec

INTELLIGENT VIDEO SYSTEMS



DIGIPRYN[®]
Range

INTEROPERABLE VIDEO
RECORDING SOLUTIONS

MULTI-BRANDS / MULTI-ANALYSIS

CONTENTS

Discover the Digipryn® range, interoperable, multi-brandS and multi-analysis video recording solutions.

- Much more than just a video recorder
- Features and options
- Enrich the Digipryn® experience
- Digipryn® today
- Digipryn® Software
- Digipryn® Hardware

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

ENJOY MANY SMART FEATURES AND OPTIONS



FLEXIBILITY

Digipryn® is a tool that offers unique flexibility of use and configuration. Each video input is configurable and independent.

MULTI-BRANDS



Digipryn® can be adapted to all types of cameras regardless of their brand. It can also be interfaced with the main alarm controllers and automats on the market.



VERSATILITY

It is not just a simple recorder: tracking, anti-sabotage function, intrusion detection, zone crossing, flow analysis, audio ...

MOBILITY



Digipryn® offers the possibility to consult the video via Prynocket® on your tablet or smartphone or on a computer via Digipryn.net.

Heatzone

Understand and analyze the frequentation and the points of interest on recorded areas.

Heatmap

Get a global view with heatmaps reported on a global map.

ANPR

To control accesses or to search for vehicles.

Prynplay

To combine security and media broadcasts in order to protect and promote.

Intrusion

To detect intrusions, a solution that can be enhanced with AI by AI...

Prynline

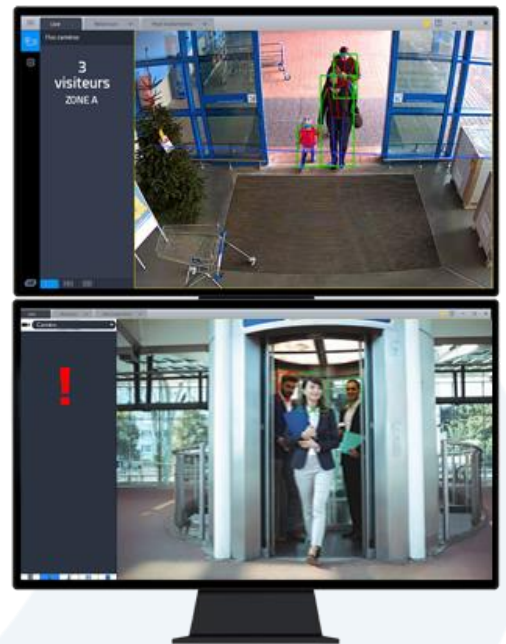
Monitor line occupancy rates and get alerts in case of overcrowding.

ENRICH YOUR EXPERIENCE...

GO'IA®

Gain in intelligence with GO'IA®

Artificial intelligence refines and enriches the veracity of analyses to significantly reduce the risk of false positives. Integrated or in addition to Digipryn®, GO'AI® will transform the way you work :
counting, intrusions, statistics, detection of abnormal situations, intelligent searches...



PRYNPAD

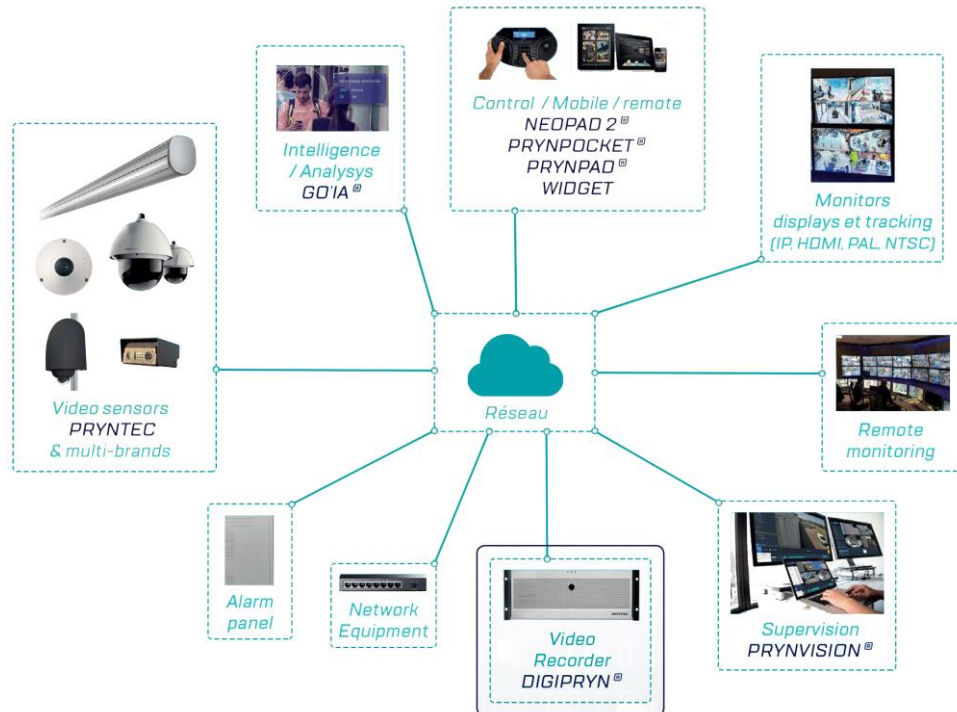
Gain in interactivity with PRYNPAD

As a true interactive monitor, Prynpad is the complementary solution for video protection and video analytics.

Adapted to touch tablets, the software combines from a single interface: camera visualization, statistical data display and "Panic Button". Prynpad is a tool for operational use.

DIGIPRYN® RANGE

In the Pryntec ecosystem



1/3

of the French
banking
market

+20

countries
all over the
world

DIGIPRYN®
today

+50.000

Digipryn®
deployed

1 Prynvision
Server is able
to manage
10.000
Digipryn®
recorders

Retail

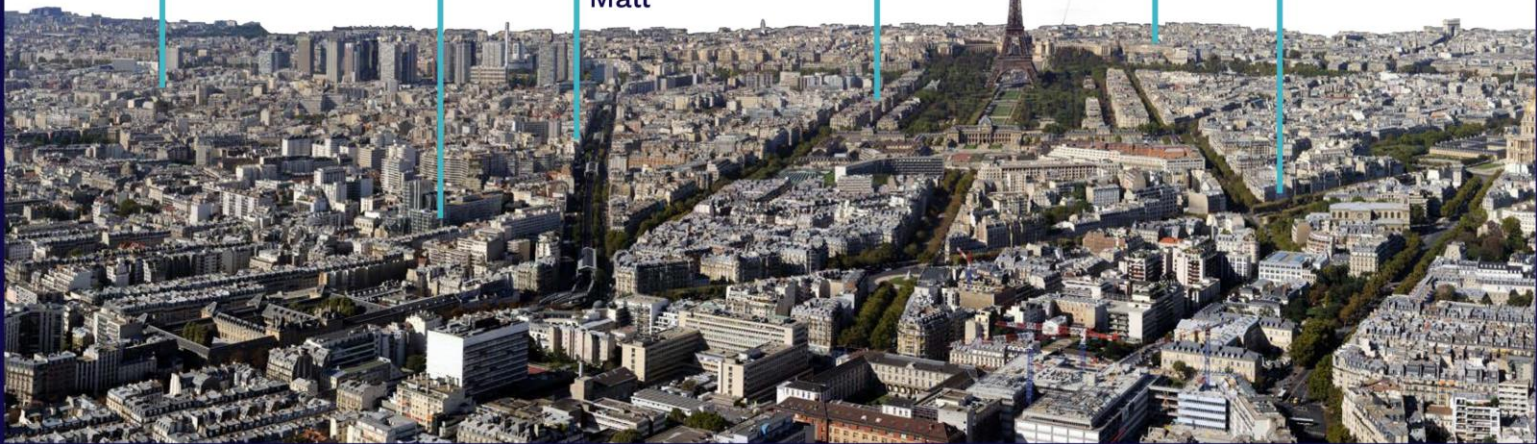
Smart
City

Shopping
Mall

Ministry

Industry

University



MUCH MORE THAN JUST A VIDEO RECORDER

Digipryn® Software is an interoperable, multi-brands and multi-analysis video recording solution. This all-in-one software will meet your security needs thanks to its intuitive and ergonomic interface. Digipryn® enables to benefit from a tool that is both simple and efficient in terms of image processing.

This NVR has display and recording qualities up to 4K! Take advantage images fluidity up to 60 fps and a multiscreen up to 100 cameras to not miss any details. Exploit the full potential of your security system with virtual joysticks to control your cameras of all brands, zoom in the image or record mobile camera presets.



PRODUCT FEATURES

Multi-brands

Works with all types of cameras, regardless of their brand. Digipryn® also interfaces with the main alarm controllers and automats on the market.

High resolution

A display and recording up to 4K and live up to 60 fps on each camera.

Options

Increase your efficiency and enrich your experience with numerous options: Prynpad, heatzones, heatmaps, Automatic License Plate Reading (ALPR), Prynplay, Prynline, GO'AI etc...

Mobility

Digipryn® offers the possibility to consult your video via Pryn-pocket® with your smartphone or on your computer.

Versatility

Versatile functions: tracking, anti-sabotage, intrusion detection, zone crossing, flow analysis, audio, IP device management...

Made in France

Digipryn® is a secure software that has been designed and developed in France in a Research & Development center.

Scope of application

- Digipryn® is designed for any professional who needs to record, view and control his security system efficiently.



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 <i>ex: 8 cam x 8 MPixels</i>	Total : 150 MPixels <i>ex: 30 cam x 5 MPixels</i>	Total : 300 MPixels <i>ex: 60 cam x 5 MPixels</i>	Total max : 400 MPixels <i>ex: 100 cam x 4 MPixels</i>	Total : 500 MPixels <i>ex: 128 cam x 4 MPixels</i>
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 (Pryn-pocket, Pryn-pad, Pryn-vision)	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.

MUCH MORE THAN JUST A VIDEO RECORDER

Digipryn® Hardware is a complementary solution to Digipryn Software that can be adapted to any type of architecture; whether it is full IP, multi-hybrid or embedded. This video recorder allows the recording of up to 100 cameras in quality up to 4K and a live stream up to 60 fps. Its storage capacity of up to 180 To ensures smooth and constant recording over an extended period of activity.

Digipryn® Hardware is available in 3U and 4U rackmount and embedded. You can also enhance your experience with a number of available options including GO'AI.



PRODUCT FEATURES

Sedentary or Embedded

Digipryn® Hardware can be integrated into your architecture or custom installed in a vehicle as an embedded version.

Mobility

View video images from your Digipryn® Hardware directly on your smartphone with Pryn-pocket® or from your computer.

Performance

A display and recording up to 4K and a fluidity of images up to 60 fps in live.

Versatility

Versatile functions and options: tracking, anti-sabotage, intrusion detection, zone crossing, flow analysis, audio, IP device management...

Multi-brands

Digipryn® Hardware is an NVR that adapts to all cameras, regardless of their brand.

Made in France

Digipryn® is a secure software that has been designed and developed in France in Pryn-tec's Research & Development center.

Champs d'applications

- Digipryn® Hardware est destiné à tout professionnel ayant besoin d'enregistrer, de visionner et de piloter efficacement son système de sécurité fixe ou embarqué.



DIGIPRYN® V8 Hardware

TECHNICAL SPECIFICATIONS

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

DIGIPRYN® V8 Package

TECHNICAL SPECIFICATIONS

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