

# PRYNCORE GO'IA® INTEGRATED

TRANSFORMING BIG DATA INTO SMART DATA



	S4U-G064-START
<b>RECORDING</b>	
Number of video inputs	64
Codec	JPG/H264/H265
Recording mode (permanent / motion / detection...)	✓
Number of IP channels	Up to 64
Recording rate (Max recommended)	480Mbits/s
<b>DISPLAY</b>	
VGA / HDMI Output (Full HD)	X1 (VGA/HDMI/DVI-D)
Number of clients (Web, PrynVision...)	10 (40 Max. Video streams)
<b>STORAGE</b>	
Storage capacity	Up to 10 HDD
Removable disks	✓
Flash memory (SSD)	128GB
Video Export Format	MKV
Images Export Format	JPG
USB	USB3 - Ethernet 1Gbits/s 2 front + 2 rear
<b>PRYNCORE SOFTWARE FEATURES</b>	
Management of actions / events	✓
RS232 / IP interfacing	✓
Anti-sabotage	✓
<b>SYSTEM</b>	
OS	Linux Ubuntu
Integrated software	Pryncore
Processor	Intel i7
RAM	16GB
Video stream bandwidth	480 Mbits/s
Network Interface	2 x 1 Gbits
Remote transmission	Prynvision + Web
Security	Watchdog hardware
Dimensions (mm)	480x427x176



Pryntec reserves the right to make any changes to the specifications quoted in this document. Photos are not contractual. For more information on features and accessories, please contact Pryntec.

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**PRYNTEC**  
INTELLIGENT VIDEO SYSTEMS

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GO'IA IMAGE PROCESSING CAPABILITIES *	S4U-G064-START
Car and People Détection (face, head, complete person, posture, vehicle)	12 maximum
Face recognition (LIVE hit, black lists, retrospective search...)	4
Reading barcodes, QR code	16
License plate detection, ANPR fast speed (25ips)	8 maximum
License plate detection, Access control ANPR	16
Fast count function (site entrance, building, corridor, road...)	4 maximum <sup>(1)</sup>
Occupancy rate measurement function (Attendance, customer traffic, alert threshold, queue...)	16
Intrusion function (zone, perimeter...)	16
Intelligent archive search, dynamic blurring, post analysis statistics (GO'IA INVESTIGATION)	✓
Automatic video indexing (search retrospectively)	✓
Web-API server (Digipryn v7 : perimeter intrusion...)	✓

\* Image processing can be cumulated on the machine.

*(1) For Fast Counting, it is possible to push to 4 fast counts on the 8-channel machine and 10 fast counts on the 16-channel machine with fixed camera (excluding fisheye). On the other hand, it will not be possible to cumulate other treatments..*



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GO'IA image processing prerequisites :

	Image processing type	Image capture			Viewing angle			
		Minimum target width (pixels)	Minimum target height (pixels)	Minimum fps number	Sharpness (shutter max)	Maximum Tilt angle	Minimum tilt angle	Maximum Azimut
Analytics	Fast counting Head/People	25	30	8		< 60°	> 20°	360°
	Occupancy rate measurement function Heatzone	15	30	1		< 60°	> 20°	360°
Risk Management	Age and Gender estimation	200	200	4		< 20°	-	< 20°
	Intrusion detection	15	80	2		< 30°	-	360°
Filtering	Posture recognition	20	80	1		< 45°	-	360°
	Collaborative face recognition	200	200	2		< 10°	-	< 10°
ANPR	Non collaborative face recognition	200	200	8	1/100	< 10°	-	< 10°
	>220km/h	150	25	25	1/1000	< 30°	-	< 50°
	Access control (<30km/h)	150	25	4	1/250	< 30°	-	< 50°
	Plate detection	120	20		1/1000	< 50°	-	< 50°
	QR code reading (static)	200	200			< 10°	-	< 10°



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