

PROI-2025

IP Camera, Dome, 2MP/3MP/4MP, Motorized Varifocal Lens 2.8-12mm, WDR, BLC, DNR, AGC, IP66, IK10

PROIMAGE
REFERÊNCIA EM CFTV IP



Main Characteristics

- ▶ OSD (On Screen Display) Support for, color, brightness, saturation and digital zoom configuration;
- ▶ H.264 or H.265 video codification. Dual Stream
- ▶ Audio in/out, Alarm in/out and slot for SD Card Storage;
- ▶ Smart IR: Working distance of 30 meters;
- ▶ 2.8-12mm Varifocal Mega Pixel Lens with IR-Cut filter;
- ▶ Wide Dynamic Range (WDR)
- ▶ Remote access for iOS (iPhone) and Android Smartphones;
- ▶ Dome casing type. TCP/IP protocol;
- ▶ Day/Night with IR-CUT Filter;
- ▶ Ingress Protection index IP66;
- ▶ Impact Protection IK10;

2.4 Mp
 FULL HD 1080p
 1/2.8"
 Day/night
 Digital Noise Reduction
 Wide Dynamic Range
 Automatic Gain Control
 IR 60m
 PoE
 IP66

Learn More

Full HD 1080p
1920x1080p

HD 960p
1280x960p

HD 720p
1280x720p

2CIF
704x240p

D1
704x480p

CIF
352x240p

ONVIF

Resolution

Different types of video resolution are found in CCTV. The smaller format resolution are more common in older system whilst the higher resolution are the most modern and are based on TCP/IP. The Full HD 1080p resolution, HD 960 and HD720 High resolution, amongst others are present in PROIMAGE products .

Sem WDR **Com WDR**

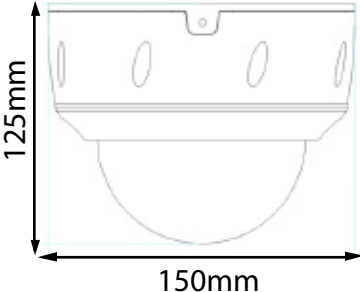
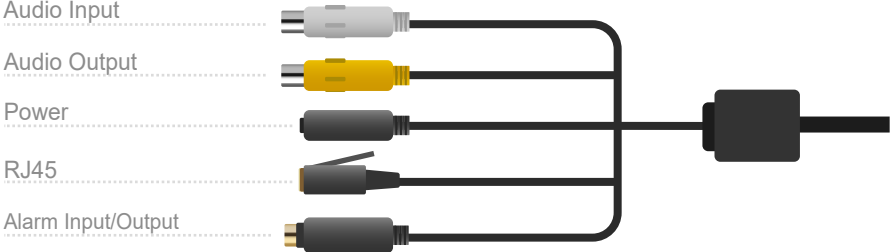
Wide Dynamic Range

WDR is used to provide clear images even when the backlight is bright or when the intensity of illumination is varied or when in there are simultaneously both bright areas and dark areas in the field of view. This function allows the image system to make corrections in the intensity of light around the scene and thus enhance the capacity of distinguishing better the characteristics and forms of the objects.

TECHNICAL SPECIFICATIONS

Model	PROI-2025
On board Technology	
Processor	Ambarella S2L55M
Operational System	Embedded Linux
Access Interface	BROWSER and PROIMAGE CMS/VMS
Camera Hardware	
Sensor	1/3" OV4689 CCD Sony Image Sensor
Sensitivity (illumination)	0.1Lux@F1.2(AGC ON), 0Lux IR on
Shutter	Auto, 1/25s ~ 1/100.000s (adjustable)
Signal to noise ration	>50db
Video modes	Color and Black and White
Window Blanking (privacy mode)	Available - Up to 2 (two) regions
IR - Infra Red range	30 meters
IR - Smart Infra Red	Available
Day & Night modes	Available - Auto ICR with automatic filter shutter both color and Black and White
AGC - Automatic Gain Control	Available
BLC - Back Light Compensation	Available On-Off
WDR - Wide Dynamic Range	Available
Flicker Control	-
DNR - Digital Noise Reduction	Available
2D DNR - Digital Noise Reduction	Available - Adjustable
3D DNR - Digital Noise Reduction	Available - Adjustable
WB (White Balancing)	Available - Automatic and Manual
Video	
Bit rate	32kbps to 80000kbps
Frame Rate	1 to 30 fps (frames per second) Adjustable
Rate Control	CBR (Standard) and VBR
Maximum image size	1920x1080 / 2048x1536 / 2592x1520
Scanning System	Progressive Scan
Image Compression	H.264/MJPEG ou H.265/MJPEG (OPTIONAL)
Video modes supported	NTSC and PAL
Dual Stream	Primary Stream: 2.0 MP, 1920x1080 / 3.0 MP, 2048x1536 / 4.0 MP, 2592x1520 Secondary Stream: VGA, 640x480 (Used by analytics)
Lens	
Focal distance	2.8-12mm
Lens control	Manual zoom and focus
Lens type	C/CS varifocal (Optional DC)
Digital Zoom	4x
Network	
Connection	TCP/IP communication - RJ45 Ethernet port socket (10M/100M)
Domain Name Service	Available - NoIP, DynDNS
Product Protocols	TCP/IP, HTTP, DHCP, FTP, DNS, DDNS, RTSP, NTP, SMTP, ONVIF
Browser	IE® - Internet Explorer, Chrome®(IE TAB*), Mozilla Firefox® (IE TAB*) (compatibility may change regarding specific browser release and 32/64 bits system)
P2P	Available
QR Code Remote Connection	-
Cloud Based Storage	Available - must arrange third party solutions
Events and Remote Backup	Ftp Server, NVR, Local and SMTP
Onvif	Available - version 2.4
Operational functionality	
Camera Language	Portuguese, English, Spanish, Chinese
Camera Name on Display (OSD)	Available (up to 10 characters)
Color controls and adjustments	Brightness, Contrast, Saturation and crispness
Movement detection by video	Available - On/Off - Adjustable sensitivity
Mirror image function	Available
OSD Text	Available
Date on Display	Available
Programmed Reboot	Available
User administration by access levels	Available - must enroll operators, administrators and guests. Up to 12 users
Time synchronization	Manual, computer synchronization and SNTP server
Firmware updates	Available through Web browser
Smartphone Operational System supported	Android (Google) and iOS (Apple)
Video Management Software	CMS / PROIMAGE-DGUARD

Embedded Technologies	
Audio	
Audio Compression	G.711a/G.711u (Opcional)
Audio Bit Rate	e G.711a(8kbps)/G.711u(8kbps)
Audio Input	01 (one) channel interface P2 (3,5mm) for audio microphone
Audio Output	01 (one) channel interface P2 (3,5mm) for audio (line level, 600Ω)
Alarms	
Alarm Input (Switch)	01 normally open Channel / normally close adjustable modes
Alarm Output	01 Channel , +12VDC 1A
Memory Card	
External Storage Slot	SD micro card with maximum capacity of 32GB
Power Supply	
Type of Connection	P4 (When powered with DC 12V ±5%) or Ethernet RJ45 (When connected via PoE - Power over Ethernet)
Maximum current consumption	2.5Ah
Maximum power consumption	<8 W
Voltage	DC12V±5% ou PoE - Power over Ethernet DC 48V
Power cable and UPT (Cat5/6e)	*It is recommended the use of approved and certified products.
Surge protection	*It is recommended the use of surge protection, if not already available.
Conditions	
Operation Temperature Range	-30°C~60°C
Humidity	10% -90% RH (non condensing)
Casing	
Model	Dome
Ingress Protection Index	IP66
Base Material	Metal
Case Color	White
Size (L x H)	150mm X 125mm
Cable Glands	-
IK10	Available
Warranty	01 (one) year
For further information / specifications visit: www.proimagebrasil.com.br - *RECOMMENDATIONS	

Product sizes	Interface Description
	

Homologation	Related Products
	 <p>PROI-CMSVMS PROI-NVR604F 04 CANAIS PROI-NVR608F 08 CANAIS</p>



The perfect functioning of Proimage products require technically qualified workmanship for installation and integration.