

PROI-1710 IR

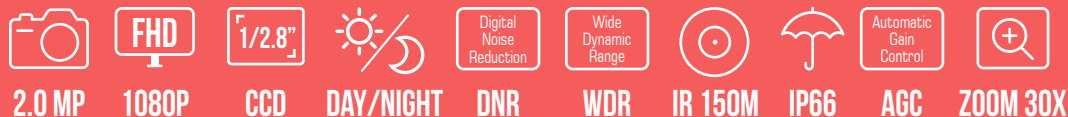
IP Câmera, IR Speed Dome, PTZ, 2.0MP, 1080p, 30x Optical Zoom, WDR, DNR, BLC, AGC

PROIMAGE
REFERENCE IN CCTV-IP



Main Characteristics

- ▶ CCD DIGITAL Sony sensor, MEGA PIXEL 1/3" 2.0 Megapixel;
- ▶ H.264 Level 3.0 video codification. Dual Stream;
- ▶ Smart IR: Working distance of 150 meters; Video analysis technology; 30.000 hours of life, 12 OSRAM LEDs; Craft SMDs; Professional lens; Physical heat radiation and manufactured in thermal equipment;
- ▶ High performance variable speed and precise pitch motor;
- ▶ PTZ Speed Dome casing type. TCP/IP protocol;
- ▶ 30x Optical Zoom;
- ▶ IP66 cable glands;
- ▶ DNR (Digital Noise Reduction);
- ▶ WDR (Wide Dynamic Range);



LEAN MORE

ONVIF

FULL HD 1080P 1920x1080p	HD 960P 1280x960p	HD 720P 1280x720p	2CIF 704x240p	CIF 352x240p
D1 704x480p				

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.

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.

WDR OFF **WDR ON**

TECHNICAL SPECIFICATIONS

Model	PROI-1710 IR
On board Technology	
Processor	HiS
Operational System	Embedded Linux
Access Interface	BROWSER and PROIMAGE CMS/VMS
Camera Hardware	
Sensor	1/3" Low Illumination CCD
Sensitivity (illumination)	0 Lux: Black / White Infra Red On, Low Illumination 0.01 Lux
Shutter	PAL:1/25~1/100000s NTSC:1/30~1/100000s
Signal to noise ration	≥60dB(Enhanced)
Video modes	Color and Black and White
Window Blanking (privacy mode)	Available - Up to 2 (two) regions
IR - Infra Red range	150 meters
IR - Smart Infra Red	Available
IR - Smart IR Angle	Infra Red Technology Zoom Matching
IR - Power Smart IR Angle	Manual Setting
IR - Infra Red Durability	30.000 hours
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 16Mbps
Frame Rate	1 a 25 fps (frames per second) Adjustable
Rate Control	CBR (Standard) and VBR
Maximum image size	1920x1080
Scanning System	Progressive Scan
Image Compression	H.264/MJPEG
Video modes supported	NTSC and PAL
Dual Stream	Primary Stream: 2.0 MP, 1920x1080 Secondary Stream: VGA, 640x480 (Used by video analytics)
Lens	
Focal distance	3.9-117mm
Lens control	Zoom, automatic and manual focus
Focus	Auto/Manual, High Performance DSP to perform
Optical Zoom/ Digital Zoom	30x / 4x
Network	
Connection	TCP/IP communication - RJ45 Ethernet port socket (10M/100M)
Domain Name Service	Available - NoIP, DynDNS
Product Protocols	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP, 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	-
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	English
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 10 users
Time synchronization	Manual, computer synchronization and SNTP server

TECHNICAL SPECIFICATIONS

Firmware Upgrade	Available by Web Browser
Smartphone Operational System supported	Android (Google) and iOs (Apple)
Video Management Software	CMS / PROIMAGE-DGUARD

Embedded Technologies

Presets	255
Temperature Control	Built-in Cooler
Patrol Track	04 groups, each group with 3min. recording
Cruise Track	08 groups, each group with 16 presets
Other Scans	Horizontal, radeon and deuce area search support
Route Resource	Horizontal 360°, Vertical 180°, auto reverse
Speed Route	Horizontal & Vertical Min 0.01°,Max 200°/S
Horizontal Range	360° of unlimited continuous rotation
Vertical Range	-90°~0°
Preset Call speed	Max 200°/S
Manual Call speed	0.01°~180°/S
Ventilation Structure	Dustproof structure outside the dome

Environmental working conditions

Type of Connection	P4 (When powered with DC 12V ±5%) or Ethernet RJ45 (When connected via PoE - Power over Ethernet)
Maximum current consumption	4.0Ah
Maximum power consumption	<35.0 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.

Environmental working conditions

Operation Temperature Range	-35°C~65°C
Humidity	<95% Relative Humidity (non condensing)

Casing

Model	IR Speed Dome
Ingress Protection Index	IP66
Base Material	Aluminium
Case Color	White
Size (L x H)	331.40mm X 236,01mm - Dome
Cable Glands	-
IK10	-
Warranty	01 (one) year

For further information / specifications visit: www.proimagebrasil.com.br - *RECOMMENDATIONS

Homologation



PROI-CMSVMS



PROI-ST04 NVR 04 CANAIS



PROI-ST08 NVR 08 CANAIS



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

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