


FxCAM IBW2000


B&W IR CAMERA FOR ITS, TRAFFIC AND ACCESS CONTROL SYSTEMS

ANPR RESULTS:




- NUMBER PLATE: B13213
- NATIONALITY: HONG KONG
- SPEED: 105 MPH / 169 KM/H
- RECOGNITION TIME: 2014-10-12T15:21:19+00:00

ANPR RESULTS:



- NUMBER PLATE: JHT 3832
- NATIONALITY: EU-GERMANY
- SPEED: 96 MPH / 154 KM/H
- RECOGNITION TIME: 2014-10-12T15:20:20+00:00

ANPR RESULTS:



- NUMBER PLATE: 6006 JAA / ٦٠٠٦ ج ا ا
- NATIONALITY: KSA
- SPEED: 90 MPH / 148 KM/H
- RECOGNITION TIME: 2014-10-12T15:20:14+00:00

ANPR RESULTS:









- NUMBER PLATE: MX XN - 58
- NATIONALITY: EU-NEDERLAND
- SPEED: 98 MPH / 158 KM/H
- RECOGNITION TIME: 2014-10-12T15:19:54+00:00



CRITICAL ANPR-BASED ACCESS MONITORING

FxCAM IBW2000 remains the most reliable and efficient workhorse of analog vehicle access and traffic monitoring systems around the world. Thanks to its powerful but low-energy consumption IR illumination, high quality lens, weatherproof housing and internal heating, the device provides the best B&W analog images for flawless ANPR/LPR performance in any environment and lighting condition.

The FxCAM has been primarily designed for ANPR applications, like traffic management and vehicle access control. Nevertheless, the device can be seamlessly integrated with many other applications where outstanding image quality is needed. One of the major benefits of these units that they continue to support most older analog CCTV systems and save the operators the significant cost of completely upgrading such networks.

 ACCESS CONTROL	 BORDER CONTROL	 CONGESTION CHARGING
 JOURNEY TIME MEASUREMENT	 BUS LANE AND RED LIGHT ENFORCEMENT	 TOLL COLLECTION

MAIN BENEFITS

- Best accuracy for analog ANPR systems
- All-weather operation
- Low power consumption
- Analog CCTV system support

TOWARD THE FUTURE IN SAFETY – SINCE 1991

SPECIFICATIONS

FxCAM IBW2000

FxCAM IBW2000 unit generates high resolution B&W images with the help of its quality optics and powerful synchronized IR illuminator. The device's effective range is 3 to 13 meters (10 to 43 feet) and maybe slightly affected by environmental conditions, but it continues to provide outstanding results for many legacy analog ANPR systems.

CAMERA

Sensor size (H x V pixels)	768 x 576 (PAL)
Sensor	B&W Interlaced CCD
Optical size	1/3"
Resolution	Effective 768 x 288 (PAL/2)
Shutter time	Factory preset 1/10000 s for odd field, 1/100000 s for even field
Communication interface	RG59, BNC coaxial
Output	PAL 1Vp-p 75 Ohm
Filter	IR pass (720 nm-)

LENS

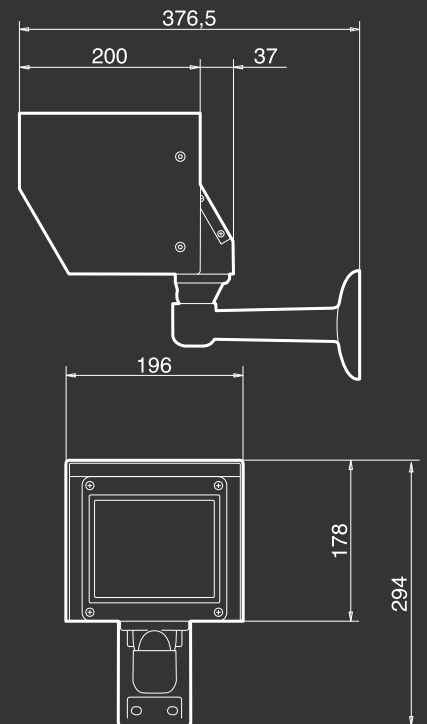
Lens Type	Fixed, 12 mm / 16 mm / 25 mm / 35 mm / 50 mm
Iris, Focus	Manual, factory preset
Operational range for ANPR	3 – 13 m

ILLUMINATION

Type	Array of high quality LEDs Controlled and synchronized flash
Wavelength	850 nm
Intensity	Fixed

MECHANIC/ELECTRONIC

Power requirement	Isolated 24 V – 28 V AC or 24 V – 40 V DC input (50-60 Hz)
Power consumption	7 – 25 W (depending on heating on/off)
Dimensions w/bracket (L x W x H)	376.5 mm x 196 mm x 294 mm (14.78" x 7.71" x 11.57")
Weight	Camera: 1.9 kg (9.92 lb) Sunshield: 1.0 kg (2.2 lb)
Conformity	CE, RoHS
IP rating	IP66
Housing Color	RAL 9002 (Other colors are available upon request)
Startup temperature	-20 °C (-4 °F) or higher
Working temperature	-35 °C (-31 °F) or higher
Maximum working temperature	+55 °C (131 °F)



BRACKET

Dimensions (L x W x H)	204 mm x 80 mm x 120 mm (8.03" x 3.15" x 4.72")
Weight	0.6 kg (1.32 lb)



Technical specifications are subject to change without prior notice. This document does not constitute an offer.

ADDRESS: ALKOTAS UTCA 41, H-1123 BUDAPEST, HUNGARY, EU
 PHONE: +36 1 201 9650 • FAX: +36 1 201 9651
 WWW.ARH.HU • EMAIL: SENDINFO@ARH.HU