FRACARRO

Dome camera
CDIR1200 Series

CDIR1200-3,6

CDIR1200-312

CDIR1200-312VP

The CDIR1200 series camera renew the successful range of CDIR Fracarro now recognized as synonymous with excellent quality / price ratio and the excellent video quality.

The new Sony IMX238 sensor combined with DSP ISP8520 provides the highest resolution of 1200TVL and excellent installation flexibility thanks to the OSD getsibile through practical joystick integrated into the video cable.

The three versions differ mainly in the optical and power IR illuminator (The small is equipped with a wide angle of 3.6mm, the varifocal from 2.8 to 12 mm).

Varifocal versions provide greater flexibility in the selection of the frame that is easily adjustable by the two screws of Zoom and Focus.

Day & Night function with ICR filter mechanical and infrared LEDs to illuminate properly designed areas framed by different objectives.

The assembly can be easily done on the ceiling or wall.

The IP65 protection allows use of both internal and external environments, the vandalproof version is IP66 grade.

Features

- **Day&Night with ICR mechanical filter**
- **IR led for night vision**
- **Image sensor 1/3" Sony IMX238**
- **DSP type ISP8520**
- **High resolution 1200 TVL**
- **D-WDR, Ezoom, WB, 3DNR**

- **Privacy, Motion, Mirror, Flip**
- **Varifocal with regulation**
- **Double glass**
- **Movimento libero su 3-assi per facile orientamento**
- **IP65 protection, IP66 vandalproof version**
- **Power supply 12Vdc (not included)**
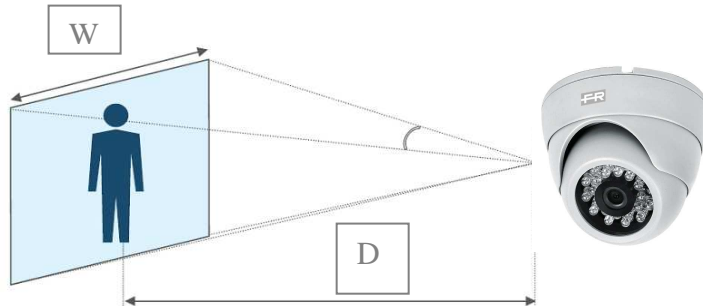
Packaging content:

Camera with fixing adapter

Screws, dowels and allen key is included for wall or ceiling fixing

Instruction manuale

	CDIR1200-3.6	CDIR1200-312	CDIR1200-312VP
Code	918303	918301	918302
Spec. video			
Standard video	PAL / NTSC	PAL / NTSC	PAL / NTSC
Image sensor	1/3" CMOS Sony IMX238		
DSP	High perf. ISP8520		
Number of pixel	1280 (H) x 1024 (V)		
Horizontal resolution	1200 TVL		
Minimal lux	0.001 Lux / F 1,2 (Day), 0 (IR led on)		
Signal / noise ratio (S/N)	> 54 dB (AGC Off)		
Sincronization	Internal		
Output video	1 Vpp 75Ω BNC output		
Lens			
Lens	3.6 mm	Variable 2,8 ~ 12 mm	Variable 2,8 ~ 12 mm
Lens regulation	Fixed	Manual, external	Manual, internal
IR Filter (ICR)	Mechanical		
Functions			
Wide Dynamic Range	Off/ On (Digitale), Auto detection		
Signal / noise reduction	3D-DNR		
Electronic shutter (AES)	Auto		
Flikerless mode	On / Off (NTSC: 1/100, PAL: 1/120)		
White balancing	AWB-AI, AWB-GW, AWB-CCT, AWB-PRO, AWB-TEMPORA		
Gain control	Auto / Manual		
Backlight compensation	, BLACKLIGHT, FRONT LIGHT, DISTINGUISH, INTELLIGENT, GLOBAL, CENTER, CENTER WEIG		
Special functions			
On-Screen-Display (OSD)	English / chinese		
Motion Detection	Up to 4 areas		
Zone masking	Up to 8 zones		
Mirroring	Horizontal / Vertical		
IR leds			
Number and type (diameter)	24 (5mm)	30 (5mm)	24 (5mm)
Throw Distance	10 – 15 m internal 5 – 10 m external	20 – 30 m internal 15 – 20 m external	15 – 20 m internal 10 – 15 m external
ON / OFF control	Light sensor CDS, with isteresis 3 ~ 4 lux		
General data			
Protection grade	IP65	IP65	IP66
Power supply	12 Vdc +/- 10%		
Power consumption max (IR Led Off/On)	100 / 350 mA	100 / 400 mA	100 / 350 mA
Temperature and moisture	-10 ~ +50 °C (Ur 85% max)		
Dimensions (L x H x Ø)	94 x 69 mm	120 x 93 mm	132 x 100 mm
Poids	400 g	700 g	750 g

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Camera selection:

Lens [mm]	Width	D= 5 m	D= 10 m	D= 15 m	D= 20 m	D= 25 m	D= 30 m	D= 35 m	D= 40 m
3,6 mm	**CDIR1200-3.6**	6,7m	13,3m	20m	26,7m	33m	40m	46,7m	53,3m
2,8–12mm	**CDIR1200-312**	8,6–2m	17–4m	26–6m	34–8m	43–10m	51–12m	60–14m	68–16m

Optional	Code	Description	
PSU-12V2A	918002	Power supply with plug 12Vdc con 2A max	
PSU-12V1A-PLUG	918146	Power supply with plug 12Vdc con 1A max	
PSU-12V1A	918096	Power supply 12Vdc 1A max with input and output srew terminal and mini screwdriver.	
PSU-12V4A	918093	Power supply 12Vdc 4A DIN impianti 4A with input and output srew terminal and trimmer for voltage regulation 12-14Vdc.	
PSU-12V9A-BOX	918190	Power supply 9A box with 9 output	

OSD MANAGEMENT Advanced settings are accessed using the buttons to navigate the OSD

Up e Down	Press to increase or decrease values or scroll through the menu
Left e Right	To select or set of menus
Menù	Press to confirm the selection and to exit the menu

OSD setting	
IMAGE SETTING	SOFT
	MANUAL
	GORGEOUS
	NORM
DAY&NIGHT	AUTO
	EXTERNAL
	COLOR
	B & W
D - WDR	OFF / ON
C- LOW- LUM	BLACK LEVEL EN
	BLACK LEVEL
	SLOW SHUTTER
	3D - NR
	3D – NR LEVEL
	AGC
B & W – LOW	D - WDR
	BLACK LEVEL EN
	BLACK LEVEL
	SLOW SHUTTER
	3D - NR
	3D – NR LEVEL
	AGC
ASSIST FUNCTION	LANGUAGE
	MIRROR
	WB
	ZOOM IN
	AE MODE
	ZONE MASKING
	MOTION DETECTION