



Key Features

- Hyundai Compact Dome style camera
- 4 in 1 Video Standards
HD-CVI, HD-TVI, AHD and CVBS supported
- 1/2.9" High Performance CMOS
- 2 Megapixel Video Board
- Full 1080p HD resolution
- 2.8mm wide angle lens
- 12 SMD IR LEDs for up to 20m (65ft) night vision
- Lightning-proof
- 3 Axis design

HYUNDAI

HYU-700

2 MEGA PIXEL

FULL HD DOME

CAMERA

ITEM NUMBER: 066HYU700

Hyundai Full HD CCTV dome camera
 2 Mega Pixel Video Sensor,
 2.8mm wide angle lens, HD-CVI/ HD-TVI / AHD,
 12 SMD LEDs 20m (65ft) night vision – F4N1













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Description

Hyundai PRO series compact colour dome style CCTV camera, 2 Mega Pixel Full HD resolution, supports all HD standards (and CVBS analogue video for testing purposes). The camera is equipped with infrared night vision and suitable for outdoor and indoor use.

Compatible with the following CCTV and DVR standards:

				
				
From 2Mpix / 1080p Lite 1080N	From 2Mpix / 1080p Lite 1080N	From 2Mpix / 1080p Lite 1080N	For testing purposes	

Camera Type and Video Standard:

- High Definition video via coaxial cable or UTP
- High Performance CMOS video sensor provides a Full HD quality image in 2 Mega Pixel (FHD 1080p)
- HD standards: HD-CVI, HD-TVI, AHD – plus analogue CVBS for testing purposes

The camera operates with modern high definition systems and has an analogue CVBS mode for testing purposes during installation.

Lens:

- Fixed optical lens with 2.8mm focal length and a diagonal field of view of approx. 90°.

Night Vision:

- 12 SMD Infrared LEDs are activated automatically in low light conditions, providing a sharp image at 0lux (total darkness) to a maximum distance of 15 (49ft) to 20m (65ft).
- Integrated automatic IR CUT filter provides a sharp image with realistic colours during daytime operation.
- Smart IR

The new generation of energy saving SMD infrared LEDs makes the night vision of the camera stronger and brighter than standard LEDs.

OSD and Image Quality Enhancements:

configurable via the OSD menu (remote via the DVR in HD modes), for example:

- 2D-NR Noise Reduction without loss of focus
- AWB / MWB, automatic and manual white balance for true colour
- AGC, automatic gain control, for high definition pictures in low light environments
- BLC, Backlight Compensation
- DWDR (Wide Dynamic Range), ensuring excellent picture quality under any lighting
- Smart IR

and many more.

Video Connection:

- via standard BNC connector for HDCVI, HDTVI, AHD and analogue CVBS – switchable with DIP Switches

Housing and IP rating:

- Solid housing made of aluminium
- weatherproof according to IP65 specifications, can be used outdoors and indoors
- Lightning proof

Bracket:

- three axis design bracket that allows easy and accurate adjustment of the viewing angle with wall or ceiling installation

Technical Specifications

Image Sensor	1/2.9" 2 Megapixel High Performance CMOS
Resolution	HD modes: 1080p (1920 x 1080 pixels) full HD (FHD) @ 25fps (frames per second) CVBS: recommended for testing purposes only
Video Output	1x BNC for HDCVI, HDTVI, AHD, CVBS - switchable
Minimum Illumination	0.02 Lux F1.2 (colour), 0 Lux (IR on)
Night vision	12 SMD IR LEDs, max. 20m (65ft) infrared night vision with automatic IR CUT filter, Smart IR
Lens	2.8mm optical fixed lens
Image Enhancement and OSD features	Day / Night IR-CUT (ICR), 2D-NR, AWB/MWB, BLC, AGC, DWDR Sense-Up
OSD Menu	Accessible via DVR menu (in HD mode)
Weatherproof and Dustproof rating	IP65 for outdoor and indoor use Lightning proof
Housing	solid metal housing made of aluminium, colour: dark grey
Power Supply	DC 12V, 415mA, Power Supply included
Operating Temperature	-20° C ~ +60° C
Humidity	RH 10 - 90% Max (no condensation)
Dimensions	80 (H) x 94 (Ø) mm
Weight	380 g
Camera Type	2 Mega Pixel PRO Range 4 in 1 (F4N1)

Scope of Delivery

CCTV camera HYU-700
Fittings
Power adapter 12V DC
Instructions