



Analog

BOX

## HCB-7000A

QHD (4MP) Analog Box Camera



### Key Features

- QHD (2560 x 1440, 30fps) resolution
- 0.16 Lux@F1.2 (Color), 0.009 Lux@F1.2 (B/W)
- Day & Night (ICR), DWDR, Motion detection
- Transmission distance Max. 500m
- Easy installation (Plug & play), Dual power

### Compatible Accessories (Optional)



SHB-4200H



SHB-4200



SHB-4301HP



STB-4150V

## HCB-7000A

QHD (4MP) Analog Box Camera



### Specifications

Video	
Imaging Device	1/3" 4MP CMOS
Resolution	2560x1440
Max. Framerate	30fps@4M(N), 25fps@4M(P)
Min. Illumination	Color: 0.16Lux(F1.2, 1/30sec) BW: 0.009Lux(F1.2, 1/30sec)
Video Out	BNC(AHD), additional CVBS for installation
Video Transmission Distance	500m(5C2V Coaxial Cable)
Lens	
Focus Control	Manual
Lens Type	DC auto iris
Mount Type	C mount, CS mount
Operational	
Day & Night	Auto(ICR)
Backlight Compensation	UserBLC, HLC, DWDR
Digital Noise Reduction	2DDNR
Motion Detection	4 zones
Privacy Masking	2 zones
Gain Control	Low / Middle / High / Very High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	1/30 ~ 1/12,000sec(N), 1/25~ 1/12,000sec(P)
Video Rotation	H-Rev/V-Rev
Analytics	Motion detection
Serial Interface	RS-485(Samsung-T, Pelco-D/P)
Alarm I/O	MD Output 1ea
Coaxial Protocol	ACP(AHD Coax Protocol), CVBS: Pelco-C(Coaxitron)
Environmental & Electrical	
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
Input Voltage	24VAC, 12VDC
Power Consumption	Max 3.6W
Mechanical	
Color / Material	Black / Aluminum, Ivory / Plastic
Product Dimensions / Weight	59.6(W)×68.4(H)×92.7(D)mm (2.35"×2.69"×3.65"), 186g(0.41 lb)

※ HCB-7000 has been renamed to HCB-7000A. HCB-7000 and HCB-7000A are the same model.

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com)

Hanwha Vision is formerly known as Hanwha Techwin.

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## Compatible lenses



### Video SLA-M2890DN

Imaging Device  
Resolution  
Effective Pixels  
Min. Illumination  
Max. Framerate  
NETD  
Pixel Size  
Video Out  
Video Transmission Distance

### Lens SLA-M2890DN

Focal Length (Zoom Ratio)  
Max. Aperture Ratio  
Angular Field of View  
Lens Type  
Mount Type  
Focus Control  
Min. Object Distance  
Optional Lens

### Pan / Tilt / Rotate SLA-M2890DN

Pan / Tilt / Rotate Range  
Pan Range  
Pan Speed  
Tilt Range  
Tilt Speed  
Rotate Range  
Sequence  
Preset Accuracy

### Operational SLA-M2890DN

Camera Title  
Direction Indicator  
Day & Night  
Backlight Compensation  
Wide Dynamic Range  
Digital Noise Reduction  
Digital Image Stabilization  
Defog  
Motion Detection  
Privacy Masking  
Gain Control  
White Balance  
LDC  
Electronic Shutter Speed  
Digital PTZ  
Video Rotation  
Analytics  
Business Intelligence  
Serial Interface  
Alarm I/O  
Alarm Triggers  
Alarm Events  
Audio Streaming  
Audio In  
Audio Out  
IR Viewable Length  
IR Illuminator (Optional)  
IR Radiation angle  
IR LED

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IR Wavelength
IR Operation
Water Removal
Auto Tracking
Coaxial Protocol
Color Palettes

## Mechanical SLA-M2890DN

Color / Material
Product dimensions / weight
RAL Code
Product Dimensions / Weight
Compatible Conduit hole / Gangbox
Hanging Mount (Dome)
Skin Cover
Skin Cover (Dome)
Weather Cap (Dome)
Power Module
Backbox

## Radiometry SLA-M2890DN

Temperature Detect Range
Temperature Accuracy
Temperature Detection
Additional

## Network SLA-M2890DN

Ethernet
Video Compression
Audio Compression
Smart Codec
Video Quality Adjustment
Bitrate Control
Streaming
Protocol
SIP support (VoIP, Peer-to-peer, SIP/PBX integration)
Security
Application Programming Interface

## General SLA-M2890DN

Webpage Language
Web Viewer
Edge Storage
Memory

## Environmental & Electrical SLA-M2890DN

Operating Temperature / Humidity
Storage Temperature / Humidity
Certification
Input Voltage
Power Consumption

## Certifications & Standards SLA-M2890DN

Network
EMC
Safety
Environment
Video

## DORI (EN62676-4 standard) SLA-M2890DN

Detect (25PPM/ 8PPF)
Observe (63PPM/ 19PPF)
Recognize (125PPM/ 38PPF)
Identify (250PPM/ 76PPF)

## HCB-7000A

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### CAD

Unit:mm [inch]

This part should not contain any substances which are specified in RoHS/REACH

NO.	PART NAME	CODE NO.	MATERIAL	QTY	REMARK
1					

  

Dimensions shown in drawings:

- Top view: 66.4 (2.61") width, 39.4 (1.55") height
- Side view: 92.7 (3.65") length
- Front view: 16 (0.63") height, 49.3 (1.94") width
- Mounting holes:  $\varnothing 7.1$  HOLE DP6.0 ( $\varnothing 0.28$ ),  $\varnothing 1/4"-20$  UNC-2B

UNIT	DATE	DESIGN	CHECK	APPROVAL	PART NAME	
SCALE	1/1	HTW	-	-	MODEL NAME	HCB-6000/7000
		17.07.08	17.07.08	17.07.08	HANWHA TECHWIN	CODE NO. 057637