



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 Devices



SHB-4200H



SHB-4200



SHB-4301HP



STB-4150V



SHB-4300H1

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.

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)

Ver SLA-M2890DN

Ver

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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:

- Front view: 66.4 (2.61") width, 39.4 (1.55") height
- Side view: 92.7 (3.65") length
- Rear view: 16 (0.63") distance from edge to hole, 49.3 (1.94") distance from edge to hole
- Hole specifications: $\varnothing 7.1$ HOLE DPH. 01 ($\varnothing 0.28$), $\varnothing 1/4$ -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. 057837