inner range

The IR Video range of products provides the video surveillance technology for Inner Range's Unified Video, Access and Security solutions. The complete range of products include Video Gateways for providing the link to Inner Range's IR Connect cloud services and through to the full connected eco-system of Inner Range solutions, Edge Cameras incorporating onboard storage and video analytics, and Active Deterrence Cameras providing Video Analytic driven alarm conditions into the IR Eco-system.

The IR CONNECT Mobile Application provides users with the ability to remotely connect, arm & disarm the unified solution, receive events and alarm notifications and associated video to verify the situation on site. This comprehensive security solution incorporating Video, Access Control and Intruder Alarm protects your premises, your assets and most importantly… your people.
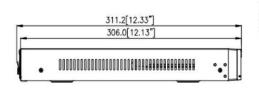
Key Features

- Up to 16 IP cameras
- Up to 160 Mbps incoming bandwidth
- Plug & Play with 16 PoE interface
- Support face recognition and multi-objective recognition
- Supports some specialist cameras, including people counting camera, ANPR camera, fisheye camera and panoramic camera
- Support fisheye Dewarping and VCA alarm linkage
- Support 1 HDMI and 1 VGA interface

IR-V-N16C6T-110

Dimensions (mm)

Rear Panel

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Specification

Video Input	
IP Camera Input	16 Channel
Incoming Bandwidth	280 Mbps
Outgoing Bandwidth	280 Mbps
Video Output	
HDMI Output	(3840 x 2160), (1920 x 1080), (1280 x 1024), (1024 x 768)
VGA Output	(1920 x 1080), (1280 x 1024), (1024 x 768)
Different Source Output	HDMI and VGA independent
Decoding Capacity	1ch @ 12MP, 4ch @ 8MP, @ 16ch 2MP
Dual Stream	Support
Multi-screen Display	1/4/8/9/16
Multi-object recognition	
Object recognition	Real-time detection of Vehicle, Person and Face
Face Comparison	Real-time capture and face library comparison
Smart Search	Person, Face, Vehicle, Attribute
Linkage	Buzzer, Alarm, Popup, Email, Alarm Out
Recording	
Resolution	Up to 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 2MP, 1MP, D1
Recording Mode	Manual, Scheduled, Event, Continuous
Playback and Backup	
Sync Playback	16/9/4/1
Search Mode	Time/Date, Event, Alarm, Picture grid
Backup Mode	USB Device, Network
Alarm	
General Alarm	Video Loss, Alarm input
Intelligent Analysis (By Camera)	Smart motion, Intrusion, Line Crossing, Loitering, People Counting, Wrong Way
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect

Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
IR Connect P2P	Support
Interoperability	ONVIF, SDK, CGI
Storage	
ANR	Support
Disk Group	Support
RAID	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Interface	
HDD Interface	2 SATA interfaces, up to 12TB capacity for each disk
Network Interface	2 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
PoE Interface	16 ports, 10/100Mbps, 802.3af/at, max 128W
HDMI	1
VGA	1
Audio In/Out	1/1
Audio In/Out	6/2
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 1 × USB 3.0
RS-485 Interface	1
Reset Button	On-board reset button
General	
Power Supply	100 to 240VAC
Power Consumption	< 15 W (without HDD)
Operating Conditions	-10 °C to 50 °C (14 °F to 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE, FCC, ICES
Dimensions	372 × 311.2 × 46.4 mm (14.65 × 12.25 × 1.83 inch)
Net Weight	2.75 kg (6.06 lb) without HDD